



University of the State of New York

THE COLLEGE OF THE CITY
OF
NEW YORK.

FORTY-FOURTH ANNUAL REGISTER.

¹
~~1892~~ ⁵1893.

Earning and Labor.

LIBRARY

OF THE

University of Illinois.

CLASS.

BOOK.

VOLUME.

C

N48cH

1891-95

Accession No.



1722
118

University of the State of New York.

THE COLLEGE OF THE CITY

OF

NEW YORK.

FORTY-THIRD ANNUAL REGISTER

1891-1892.

h.

MARTIN B. BROWN,
PRINTER,
49 AND 51 PARK PLACE, N. Y.

CONTENTS.

1891-92.

	PAGE.
BOARD OF REGENTS.....	4
BOARD OF TRUSTEES—EXECUTIVE COMMITTEE.....	5
OFFICERS OF INSTRUCTION, GOVERNMENT, ETC.....	6
THE COLLEGE—ITS FOUNDATION, HISTORY, ETC..	9
TERMS, VACATIONS, DAILY SESSIONS.....	9
REQUISITES FOR ADMISSION.....	10
COURSES OF STUDY.....	11
DEPARTMENTS OF STUDY.....	24
LIBRARY.....	40
WORKSHOP.....	40
DISCIPLINE.....	41
EXAMINATIONS.....	42
ALLOWANCE OF MARKS	43
MERIT ROLL.....	43
COMMENCEMENT.....	44
MEDALS AND PRIZES.....	46
CLASSICAL SCHOLARSHIP.....	50
DEGREES....	50
THE ASSOCIATE ALUMNI.....	51
STUDENTS' AID FUND.....	51
LITERARY SOCIETIES.....	52
COMMENCEMENT, 1891—	
MEDALISTS AND PRIZEMEN.....	53
HONOR MEN..	55
DEGREES CONFERRED.....	56
DIRECTORY—	
CALENDAR.....	57
BOARD OF TRUSTEES.....	58
OFFICERS OF THE COLLEGE.....	59
ALUMNI OF THE COLLEGE.....	61
STUDENTS.....	107
CHAIRMEN OF THE BOARD OF TRUSTEES.	94
EXECUTIVE COMMITTEES OF THE BOARD OF TRUSTEES.....	94
FORMER OFFICERS OF THE COLLEGE.....	102

UNIVERSITY OF THE STATE OF NEW YORK.

BOARD OF REGENTS.

1891.

GEORGE WILLIAM CURTIS, LL.D., <i>Chancellor</i> .	WEST NEW BRIGHTON.
ANSON J. UPSON, D.D., LL.D., <i>Vice-Chancellor</i>	GLENS FALLS.
DAVID B. HILL, <i>Governor</i> ,	} <i>Ex-officio</i> , ALBANY.
EDWARD F. JONES, <i>Lieutenant-Governor</i> ,	
FRANK RICE, <i>Secretary of State</i> ,	
ANDREW S. DRAPER, LL.D., <i>Sup't of Public Instruction</i> ,	

In order of election by the Legislature :

GEORGE WILLIAM CURTIS, LL.D., 1864	WEST NEW BRIGHTON.
FRANCIS KERNAN, LL.D., 1870 ..	UTICA.
MARTIN I. TOWNSEND, LL.D., 1873.....	TROY.
ANSON J. UPSON, D.D., LL.D., 1874	GLENS FALLS.
WILLIAM L. BOSTWICK, 1876... .	ITHACA.
CHAUNCEY M. DEPEW, LL.D., 1877	NEW YORK.
CHARLES E. FITCH, 1877.....	ROCHESTER.
ORRIS H. WARREN, D.D., 1877.....	SYRACUSE.
LESLIE W. RUSSELL, LL.D., 1878.....	NEW YORK.
WHITELAW REID, 1878.....	NEW YORK.
WILLIAM H. WATSON, M.D., 1881.....	UTICA.
HENRY E. TURNER, 1881.....	LOWVILLE.
ST. CLAIR MCKELWAY, LL.D., 1883.....	BROOKLYN.
HAMILTON HARRIS, 1885.....	ALBANY.
DANIEL BEACH, LL.D., 1885... .	WATKINS.
WILLARD A. COBB, 1886 . .	LOCKPORT.
CARROLL E. SMITH, 1888.....	SYRACUSE.
PLINY T. SEXTON, 1890.....	PALMYRA.
T. GUILFORD SMITH, 1890	BUFFALO.
MELVIL DEWEY, M.A., <i>Secretary</i>	ALBANY.
ALBERT B. WATKINS, PH.D., <i>Assistant Secretary</i>	ALBANY.

BOARD OF TRUSTEES.

JOHN L. N. HUNT, LL.D., CHAIRMAN.

THADDEUS MORIARTY.	RANDOLPH GUGGENHEIMER.
JOHN L. N. HUNT, LL.D.	WILLIAM LUMMIS.
E. J. H. TAMSEN.	CHARLES B. HUBBELL.
MILES M. O'BRIEN.	CHARLES STRAUSS.
EDWARD H. PEASLEE.	SAMUEL M. PURDY.
MRS. SARAH H. POWELL.	CHARLES L. HOLT.
ADOLPH L. SANGER.	JOSEPH J. LITTLE.
ROBERT MACLAY.	JAMES W. MCBARRON.
MRS. CLARA M. WILLIAMS.	WILLIAM H. GRAY.
JAMES W. GERARD.	R. DUNCAN HARRIS.
DAVID H. KING, JR.	ALEXANDER S. WEBB, LL.D.

ARTHUR McMULLIN, A.M., SECRETARY.

EDWARD E. VAN SAUN, ASSISTANT SECRETARY.

EXECUTIVE COMMITTEE

FOR THE

CARE, GOVERNMENT AND MANAGEMENT OF THE COLLEGE.

CHARLES L. HOLT, CHAIRMAN.

THADDEUS MORIARTY.	CHARLES STRAUSS.
EDWARD H. PEASLEE.	JAMES W. MCBARRON.
ADOLPH L. SANGER.	JOSEPH J. LITTLE.
JAMES W. GERARD.	JOHN L. N. HUNT, LL.D., <i>Ex-officio</i> .
ALEXANDER S. WEBB, LL.D., <i>Ex-officio</i> .	

OFFICERS
OF
INSTRUCTION, GOVERNMENT, ETC.

ARRANGED IN ORDER OF SENIORITY.

THE PRESIDENT AND PROFESSORS CONSTITUTE THE FACULTY.

ALEXANDER STEWART WEBB, LL.D.,
President.

JEAN ROEMER, LL.D.,
Vice-President, and Professor of the French Language and Literature.

ROBERT OGDEN DOREMUS, M.D., LL.D.,
Professor of Chemistry and Physics.

ADOLPH WERNER, PH.D.,
Professor of the German Language and Literature, and Secretary to the
Faculty.

ALFRED GEORGE COMPTON, A.M.,
Professor of Applied Mathematics.

CHARLES GEORGE HERBERMANN, PH.D., LL.D.,
Professor of the Latin Language and Literature, and Librarian.

DAVID BURNET SCOTT, PH.D.,
Professor of the English Language and Literature.

SOLOMON WOOLF, A.M.,
Professor of Descriptive Geometry and Drawing.

GEORGE BENTON NEWCOMB, PH.D.,
Professor of Moral and Intellectual Philosophy.

FITZ GERALD TISDALL, PH.D.,
Professor of the Greek Language and Literature.

JAMES WEIR MASON, A.M.,
Professor of Pure Mathematics.

HENRY PHELPS JOHNSTON, A.M.,
Professor of History.

WILLIAM STRATFORD, M.D., PH.D.,
Professor of Natural History.

TUTORS AND INSTRUCTORS.

CASIMIR FABREGOU, A.M.,
WILLIAM GEORGE MCGUCKIN, A.B., LL.B.,
JOHN ROBERT SIM, A.B.,
LEIGH HARRISON HUNT, M.S., M.D.,
IVIN SICKELS, M.S., M.D.,
CALVIN RAE SMITH,
CHARLES AVERY DOREMUS, M.D., PH.D.,
ERNEST ILGEN, A.B.,
GUSTAVE LEGRAS, B.S.,
LEWIS FREEMAN MOTT, M.S.,
HARVEY F. MITCHELL, M.E.,
AUGUST RUPP, A.B.,
LUIS ALEJANDRO BARALT, A.B., M.D.,
ROBERT HOUSTON,
HENRY G. KOST, B.S.,
L. HEINRICH FRIEDBURG, PH.D.,
JOHN ALFRED MANDEL,
WILLIAM FOX, B.S., M.E.,
JAMES HERVEY DE GROADT,
H. WHEELER POWELL, B.S.,
C. HOWARD PARMLY, B.S.,
WALTER O'BRIEN, M.D.,
FREDERIC E. PERHAM, B.S.,
STANISLAS C. CONSTANT,
LOUIS FENNEBRESQUE, A.B., B.S.,
JOHN J. McNULTY, B.S.,
CHARLES A. DOWNER, A.B.,
ERNEST N. PERRIN, A.B., LL.B.,
ARTHUR F. J. REMY, A.B.,
HOWARD S. MEIGHAN, B.S.,
FREDERICK G. REYNOLDS, B.S.,
HAROLD E. LIPPINCOTT, B.S.,
EDMUND BURKE, A.B.,
HENRY S. CARR, A.M.

HENRY MAYELL,
Secretary to the President.

BENJAMIN ARAD SHELDON, PH.D.,
Assistant in Library and Office.

MICHAEL F. BONNEY,
Janitor.

JAMES REED,
Engineer.

THE COLLEGE.

The College of the City of New York, originally entitled the Free Academy, was established in 1848 by the Board of Education of the City of New York, in pursuance of an Act of the Legislature of the State, passed May 7, 1847, and ratified by the vote of the people of the city, June 9, 1847. The first class entered January, 1849, and completed its course in July, 1853. In the year 1854 the Legislature passed a law endowing the institution with collegiate powers and privileges, so far as pertained to the conferring upon its graduates the usual collegiate degrees and diplomas in the Arts and Sciences. In the year 1866, on the recommendation of the Board of Education, the Legislature of the State changed the name to that of "*The College of the City of New York*," and conferred on the institution the powers and privileges of a college, pursuant to the Revised Statutes of the State, rendering it subject to the provisions of the said statutes relative to colleges, and to the visitation of the Regents of the University, in like manner with other colleges of the State, and making the members of the Board of Education, *ex-officio*, the Trustees of the College. In 1872 the President of the College was, by Act of Legislature, made a member of the Board of Trustees. In the year 1882 the Legislature repealed so much of the statutes relating to the College as had made one year's attendance at the public schools of the city a requisite for admission, thus opening the College to all young men of the city of proper age and sufficient preparation. Instruction is free; so is the use of text-books and apparatus; and there is no expense whatever to be borne by the students.

TERMS, VACATIONS, DAILY SESSIONS.

The College year begins on the Thursday following the second Monday of September, and closes on the fortieth

Thursday thereafter. It is divided into two terms. The first term closes on the fourth Friday of January ; the second begins the following Monday.

There are three vacations—the Summer vacation, from the day after Commencement to the Thursday after the second Monday in September ; the Winter vacation, from the 25th day of December to the 2d day of January, inclusive ; and the Spring vacation, the week in which occurs the 1st day of May. There are no College exercises on legal holidays, or on any Friday immediately following a legal holiday.

During term-time the exercises begin at 20 minutes to 9 A.M., and continue until all the classes are heard. During the Winter months the sessions may open and close half an hour later.

REQUISITES FOR ADMISSION.

The examination of applicants for admission takes place immediately before the general examination in June. No applicant is admitted to the Sub-Freshman Class unless he be fourteen years of age on or before Commencement Day next following the regular examinations for admission, a resident of the City of New York, and shall have passed a good examination in *Spelling, English Grammar, Arithmetic, Plane Geometry*, as taught in the Public Schools, *Geography, History of the United States*, and in the *Elements of Industrial Drawing*.

No person is allowed to be present at the examinations for admission except the instructors of the College and the members of the Board of Trustees. Neither the names of the candidates nor the schools from which they come are made known to the instructors conducting the examination, but each candidate is designated, during the examination, by a number assigned to him by the President. Candidates who pass a good examination are admitted *on probation for eight weeks*, at the expiration of which those who have shown the ability to prosecute the prescribed studies have their names entered on the rolls of the College.

In addition to the general examination in June, special examinations for admission to the higher classes are held on the last Friday in each month.

Any young man, a resident of the city, may be received into any of the higher classes, provided he passes satisfactorily the same examination as the students of the class to which he may seek admission.

To be admitted to examination, candidates present to the President of the College certificates in due form, signed by the Principals of the schools which they have attended, and specifying the dates and length of time of their attendance.

Every student, on leaving the institution, after one year, with a good character, is entitled to a certificate stating the period he has been in the College and the studies there pursued by him, provided he has satisfactorily accounted for all the books and other property entrusted to him; but no student shall receive such a certificate if he be dismissed for misconduct. If a student absents himself for two weeks without permission, his name is stricken from the rolls, and he loses his right to a certificate of good standing on leaving the institution.

COURSES OF STUDY.

There are three courses of study, each of five years' duration. The student, or his parent or guardian, is required to choose one of these courses on entering, and no change from one course to another is permitted, except on passing an examination satisfactory to the Faculty, in the studies that have been pursued by the class which the student desires to join. An outline of the studies in each course is given in the schedule on pages 13 to 21.

The three courses are alike collegiate in character, aiming at general development of the powers of the mind rather than special preparation for a particular pursuit in life. The Classical Course gives special prominence to the Latin and Greek

languages, but includes one modern language also in the Senior year. It leads to the degree of Bachelor of Arts. In the Scientific Courses more attention is paid to mathematics and modern languages, but Latin may, at the option of the student, be included in the Senior year in the Scientific Course. These two courses lead to the degree of Bachelor of Sciences.

The Scientific Course, with Mechanics, differs from the Scientific Course in giving more prominence to the applications of Mechanical Science during the Senior year, and in making practice in the work-shop and mechanical laboratory obligatory to the extent of four hours a week, on an average, during the entire course. The time for this extra work is provided, in part by the omission of a portion of the work in natural history and philosophy and the omission of a third language in the Senior year, and in part by requiring additional hours of attendance at the College, making the total number of hours in this course twenty-three a week, while in the others it is twenty.

In the Classical and Scientific Courses, work-shop practice is permitted in the afternoons, as far as the capacity of the shops will allow, to such students as, in the opinion of the Faculty, can perform this work without interfering with their studies.

There is also a Post-Graduate Course in Civil Engineering extending through two years.

In addition to the lectures and recitations indicated in the following schedule, there are exercises in oratory and declamation in the Chapel every morning, when one Senior, one Junior and one Sophomore speak before the whole College.

CLASSICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> }	3
	<i>Poetical Selections,</i> }	
Latin....	<i>Allen and Greenough's Grammar, Leighton's Lessons,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Linear Drawing		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language.....	<i>Abbott's "How to Write Clearly,"</i>	3
Latin.....	<i>as in first term,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Botany.....	<i>Kellerman,</i>	2
Free-hand Linear Drawing.....		3
Elements of Physics	<i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
Latin.....	{ <i>Herbertmann's Sallust, Allen and Greenough's</i> }	3
	<i>Grammar, Prose Composition,</i> }	
Greek.....	<i>Goodwin's Grammar, White's First Lessons,</i>	3
History.....	<i>Myers' General History,</i>	3
Algebra	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Descriptive Geometry.....	<i>Wolf,</i>	3
Zoölogy.....	<i>Lectures and Orton,</i>	2

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
Latin	<i>Cicero's Orations, Grammar and Prose Composition,</i>	3
Greek.....	<i>as in first term, and Goodwin's Xenophon's Anabasis,</i>	3
History.....	<i>Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. {	<i>Wheeler, Compton's Manual,</i> }	3
	<i>Loomis' Logarithms,</i> }	
Zoölogy.....	<i>as in first term,</i>	2
Shades and Shadows and Perspective.....		3
Compositions.		

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Language and Literature.....	Shaw, 2
Rhetoric.....	Bain's Manual, 2
Logic.....	Jerons, 1
Latin.....	Frieze's Virgil's <i>Aeneid</i> , Grammar, Prose Composition, 2
Greek.....	{ Goodwin's Grammar and Anabasis, Arnold's } Prose Composition, 3
History.....	Thompson's History of England, 2
Chemistry.....	Cloves' Practical and Analytical Chemistry, 2
Spherical Trigonometry, Surveying and Navigation. Wheeler and Docharty,	3
Free-hand Drawing—Course of Ornament.....	3
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	Shaw, 2
Rhetoric.....	as in first term, 2
Logic.....	as in first term, 1
Latin.....	Lincoln's Livy, Grammar, Prose Composition, 2
Greek... {	Goodwin's Grammar, Arnold's Prose Composition, Winan's } Xenophon's Memorabilia and Plato's Crito, 3
History.....	as in first term, 2
Chemistry.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing and Study of the Antique and Figure.....	3
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry... Shaw and Printed Selections,	2
Latin..... {	Anthon's Horace, Tyler's Tacitus, Agricola and } Germania, Grammar, Prose Composition, 4
Greek..... {	Goodwin's Greek Grammar, Arnold's Prose } Composition, Demosthenes' Orations, 3
Political Science*.. {	Lectures, Cooley's and Kent's Constitutional } Law, Woolsey's International Law, 3
Mechanics and Acoustics.....	Lectures and Bartlett, 4
Chemical Physics.....	Pyncheon, 2
History.....	Lectures and Elliot's History of the U. S., 1
Anthropology, Zoölogy.....	Lectures and Tenney, 1
Original Declamations.	

* In the Junior year the students in the Classical Course have the option between Mathematics (the Calculus) and Philosophy (Law and Economy).

FOURTH YEAR—SECOND TERM.

		Hours per week.
English Language and Literature, Prose.....	{ <i>Brooke, Shaw, and Printed Selections,</i> }	2
Latin	{ <i>Cicero's Letters, Horace's Satires and Epistles, Prose Compositions,</i> }	4
Greek	{ <i>Grammar and Prose Composition, Selections from Iliad or Odyssey of Homer,</i> }	3
Optics and Astronomy	<i>Lectures and Bartlett, Newcomb,</i>	4
Political Economy	<i>Lectures and Walker's Political Economy,</i>	3
Chemical Physics	<i>as in first term,</i>	2
History	<i>as in first term,</i>	1
Anthropology, Zoölogy	<i>as in first term,</i>	1
Original Declamations.		

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ French { <i>Robertson's Grammar, Roemer's Polyglot Reader, Roemer's</i>	}	5
or { <i>Cours de Lecture, Vols. I., II., Roemer's French Idioms,</i>		
German { <i>Sheldon's Grammar, Whitney's Reader,</i>		
or { <i>Ollendorff's Grammar, Morales' Reader, Butler's Phrases,</i>		
Spanish { <i>Iriarte's Fables, Roemer's Spanish Polyglot, and English</i>		
Polyglot,		
Latin	{ <i>Crutwell's Roman Literature, Grammar, Harring- ton's Plautus,</i> }	3
Greek	{ <i>A play of Æschylus or Sophocles or Euripides, Selections from Herodotus and Thucydides, Jevons' Greek Literature, Grammar,</i> }	3
Chemistry.....	<i>Bloxam, Cloves' Practical Chemistry,</i>	3
Psychology.....	{ <i>Lectures and Janes' Human Psychology, Porter's Intellectual Science,</i> }	4
Pedagogics*.....	<i>Lectures,</i>	
Geology, Mineralogy, and Palæontology.....	<i>Lectures and Dana,</i>	1
Æsthetics and the History of Art.....	<i>Lectures,</i>	1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ French	}	<i>as in first term,</i>	5
or			
German			
or			
Spanish			
Latin.....	<i>Cicero's De Natura Deorum, Maclean's Juvenal,</i>		3
Greek	{ <i>A play of Aristophanes, Lectures on the Language and Literature, Jevons,</i> }		3
History of Philosophy, Ethics..	<i>Lectures and Elmendorf, Janet, Ueberweg,</i>		4
Chemistry.....	<i>as in first term,</i>		3
Geology, Mineralogy, Palæontology....	<i>as in first term,</i>		1
Æsthetics and History of Art.....	<i>as in first term,</i>		1
Original Declamations.			

* Lectures on Pedagogics are delivered during the first term by the Professor of Philosophy.

SCIENTIFIC COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> } <i>Poetical Selections,</i> }	3
French.....	<i>Vannier, Robertson's Grammar,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Linear Drawing.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language....	<i>Abbott's "How to Write Clearly,"</i>	3
French.....	<i>as in first term, and Roemer's Cours de Lecture, Vol. I.,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Botany.....	<i>Kellerman,</i>	2
Free-hand Linear Drawing.....		3
Elements of Physics.....	<i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
French.....	{ <i>Roemer's Cours de Lecture, Vol. I., Roemer's Polyglot</i> } <i>Reader, Robertson's Grammar,</i> }	3
{ German.....	<i>Eysenbach's Grammar,</i> }	2
{ or.....	{ <i>Ollendorff, Morales' Reader, Butler's Phrases,</i> }	
{ Spanish.....	<i>Iriarte's Fables,</i> }	
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Zoölogy.....	<i>Lectures and Orton,</i>	2
Descriptive Geometry.....	<i>Woolf,</i>	4
Compositions.		

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
French.....	<i>Roemer's Cours de Lecture, Vol. II., and Polyglot Reader,</i>	3
{ German.....	{ <i>as in first term,</i> }	2
{ or.....		
{ Spanish.....		
History.....	<i>Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration.....	{ <i>Wheeler, Loomis' Logarithms,</i> } <i>Compton's Manual,</i> }	3
Shades, Shadows and Perspective.....		4
Zoölogy.....	<i>as in first term,</i>	2
Compositions.		

THIRD YEAR—FIRST TERM.

THIRD YEAR—SECOND TERM.

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

17

FOURTH YEAR--SECOND TERM.

	Hours per week.
English Language and Literature, Prose... { <i>Brooke, Shaw, and Printed Selections,</i> }	2
{ German }	5
or	
{ Spanish }	
Political Economy... <i>Lectures and Walker's Political Economy,</i>	3
Differential and Integral Calculus... <i>as in first term,</i>	3
Chemical Physics... <i>as in first term,</i>	2
History... <i>as in first term,</i>	1
Acoustics and Optics and Heat... <i>as in first term,</i>	3
Anthropology, Zoölogy... <i>as in first term,</i>	1
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ Spanish... .. }	{ <i>Ollendorff's Grammar, Butler's Phrases, Iriarte's Fables, Roemer's Polyglot Reader,</i> }	5
or		
{ German... .. }	{ <i>Sheldon's Grammar, Whitney's Reader, Grammar, Leighton's Lessons, Harkness' Cæsar,</i> }	
or		
{ Latin... .. }	{ <i>Herbertmann's Sallust,</i> }	
{ Psychology }	{ <i>Lectures and Janes' Human Psychology, Porter's Intellectual Science,</i> }	4
{ Pedagogics... .. }	{ <i>Lectures,</i> }	
Chemistry... .. <i>Bloxam, Clowes' Practical Chemistry,</i>		3
Mechanics and Astronomy... .. <i>Bartlett,</i>		5
Geology, Palæontology and Mineralogy... <i>Lectures and Dana,</i>		1
Æsthetics and the History of Art... <i>Lectures,</i>		1
*French or German... ..		1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ Spanish... .. }	{ <i>as in first term,</i> }	
or		
{ German... .. }	{ <i>as in first term,</i> }	5
or		
{ Latin }	{ <i>Grammar, Leighton's Lessons, Chace's Cicero, Frieze's Virgil's Æneid,</i> }	
History of Philosophy, Ethics... <i>Lectures and Elmendorf, Janet, Ueberweg,</i>		4
Chemistry... .. <i>as in first term,</i>		3
Mechanics and Astronomy... .. <i>as in first term,</i>		5
Geology and Palæontology, Mineralogy... <i>as in first term,</i>		1
Æsthetics and the History of Art... .. <i>as in first term,</i>		1
French or German... ..		1
Original Declamations.		

*In the Senior year the students of the Scientific Course may, at their option, have one lesson a week in French, or in the second modern language.

SCIENTIFIC COURSE,

WITH MECHANICS.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM

Hours
per week.

English Language.....	{ <i>Brown's Institutes of English Grammar, Poetical Selections,</i> }	3
French.....	<i>Vannier, Robertson's Grammar,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Free-hand and Linear Drawing.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2
Workshop and Mechanical Theory.....	{ <i>Compton's First Lesson s n</i> } <i>Wood-working,</i>	5

FIRST YEAR—SECOND TERM.

English Language	<i>Abbott's "How to Write Clearly,"</i>	3
French.....	<i>as in first term, and Roemer's Cours de Lecture, Vol. I.,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Free-hand Linear Drawing.....		3
Elements of Physics.....	<i>as in first term,</i>	2
Workshop and Mechanical Theory....	<i>as in first term,</i>	5

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
French.....	{ <i>Roemer's Cours de Lecture, Vol. I., Roemer's Polyglot Reader, Robertson's Grammar,</i> }	3
German.....	<i>Eysenbach's Grammar,</i>	2
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Descriptive Geometry.....	<i>Woolf,</i>	4
Workshop and Theory	<i>Compton's First Lessons in Metal Working,</i>	5
Compositions.		

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
French.....	<i>Roemer's Cours de Lecture, Vol. II., and Polyglot Reader,</i>	3
German.....	<i>as in first term,</i>	2
History.....	<i>Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration..	{ <i>Wheeler, Loomis' Logarithms,</i> } <i>Compton's Manual,</i>	3
Shades, Shadows and Perspective.....		4
Workshop and Theory.....	<i>as in first term,</i>	5
Compositions.		

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Literature.....	Shaw, 2
Rhetoric.....	Bain's Manual, 2
French ... {	Roemer's Cours de Lecture, Vols. II. and III., Robertson's } 2
	Grammar, Roemer's French Idioms, }
German.....	Whitney's Reader, Eysenbach's Grammar, 3
History....	Thompson's History of England, 2
Spherical Trigonometry, Surveying and Navigation...	Wheeler, Docharty, 3
Drawing (Mechanical).....	3
Chemistry.....	Clowes, 2
Workshop and Theory.....	4
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	as in first term, 2
Rhetoric.....	as in first term, 2
French	as in first term, 2
German.....	as in first term, 3
History.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing (Mechanical)	3
Chemistry... ..	as in first term, 2
Workshop and Theory.....	4
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry...	Shaw, and Printed Selections, 2
German.....	Eysenbach's Grammar, Putz's Reader, 5
Political Science..... {	Lectures and Cooley's and Kent's Constitu- } 3
	tional Law, Woolsey's International Law, }
Differential and Integral Calculus.....	Peck, 3
Chemical Physics.....	Fiske, Pynchon, 2
History.....	Lectures and Elliot's History of the U. S., 1
Acoustics and Optics and Heat.	Lectures and Bartlett, 3
Anthropology, Zoölogy.....	Lectures and Tenney, 1
Workshop and Theory.....	3
Original Declamations.	

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose.....	2
German	5
Political Economy.....	3
Differential and Integral Calculus.....	3
Chemical Physics.....	2
History.....	1
Acoustics and Optics and Heat.....	3
Anthropology, Zoölogy.....	1
Workshop and Theory.....	3
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

Theory of Prime Movers.....	5
{ Psychology	4
{ Pedagogics.....	
Chemistry	3
Mechanics and Astronomy.....	5
Geology, Palæontology and Mineralogy.....	1
Æsthetics and the History of Art	1
Workshop, Drawing and Theory.....	4
Original Declamations.	

FIFTH YEAR—SECOND TERM.

Theory of Prime Movers.....	5
History of Philosophy, Ethics... Lectures and Elmhendorf, Janet, Ueberweg,	4
Chemistry.....	3
Mechanics and Astronomy.....	5
Geology and Palæontology, Mineralogy.....	1
Æsthetics and the History of Art	1
Workshop, Drawing and Theory.....	4
Original Declamations.	

SCHEDULE

EXHIBITING THE SUBJECTS OF STUDY, TOGETHER WITH THE NUMBER OF WEEKLY RECITATIONS
PER CLASS AND TERM IN EACH SUBJECT.

	SUB-FRESH- MAN CLASS.		FRESHMAN CLASS.		SOPHOMORE CLASS.		JUNIOR CLASS.		SENIOR CLASS.	
	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.
LANGUAGES...	3	3	1	1	2	2	2	2	3+	3+
	5	5	3	3	2	2	4	4	3+	3+
	3	3	3	3	3	3	3||	3||
	5	5
	5	5	3	3	2	2	..	..	5+	5+
HISTORY.....	2	2	3	3	5	5	5	5

	2	2	..	..	..	..
	3	3	..	..	..	..	..	..
	2	2	1	1	..	..
PHILOSOPHY...	1	1	..	..	..	..

DEPARTMENTS OF STUDY.

The following statements are intended to explain the ground gone over in the several departments and the methods pursued :

ENGLISH LANGUAGE AND LITERATURE.

The training in English commences in the Sub-Freshman year, with a brief but comprehensive review of the analysis of the English sentence. This is immediately followed by instruction in punctuation, based on the structure of the sentence, and by the correction of false syntax. A brief course in the more common figures of speech and in the elements of versification comes next. The student is now required to memorize short poetical selections from the best writers, and his previous training is brought to bear in the minute analysis of these selections, thus thoroughly riveting on his memory his previous instruction. This closes the work of the first term. In the second term *Abbott's "How to Write Clearly"* is the text-book. The sentences are written out at home, and corrected by the student. In the recitation room he is required to give clear reasons for the corrections, based on the principles or rules laid down by the author.

Throughout the Freshman or second year, the entire time, one hour a week, is given to the study of *Graham's Synonyms* in the text, and in the correction of examples. Combined with this there is also instruction given in etymology.

In the Sophomore year the history of English literature is pursued, with *Shaw* as a text-book. A knowledge of the chronological arrangement of English authors, their chief works, together with the leading facts in their lives, is what is chiefly aimed at. The importance of being able to fix the time and place in English literature of leading authors cannot well be overestimated. Rhetoric, *Bain's*, is begun and finished during the year, and written compositions are required from the entire class during both terms.

The students are now prepared for the higher instruction in English Language and Literature during the Junior year. The text-book is here thrown aside, and oral lectures, together with the reading of selections, forms the business of the year. The Professor reads to the students and the selections are in their hands while he reads. In this way he endeavors to create and strengthen a taste for the best prose and poetry. The first term's work deals entirely with poetry, the second term's with prose. The aim in both terms is to furnish a philosophical classification of writers, through analysis and criticism. In the second term, in particular, the reading and analysis of the prose writers enables the instructor to give special attention to the striking characteristics of the great masters of English prose. The instruction of the second term deals also with the condition of the language in the fourteenth century, and proceeding onwards, develops, through the selections and readings, the gradual progress of English speech to our own times.

Compositions are required from Juniors and Seniors during both terms. After having been examined by the Professor, these compositions are delivered as orations on the chapel stage.

LATIN LANGUAGE AND LITERATURE.

This department comprises a longer and a shorter course. The five years course begins, in the Sub-Freshman Class, with the elements of the language, and includes the authors generally studied in colleges. That the students of this College are enabled to cover so much ground in five years, is due to several causes. In the first place, they begin the study at a much more advanced age than boys in classical preparatory schools. In the next place, considerable time is devoted to it in the two highest classes, where in many colleges it disappears wholly from the plan of studies. Again, the training proceeds upon a uniform method from first to last. Lastly,

the thoroughness of the College examinations secures classes of nearly uniform acquirements, so that the progress of the class is not retarded by the presence of ill-prepared students.

As the object of all good teaching is to make the scholar independent of the teacher, the department aims, above all else, to impart to the students correct methods. Hence two years are devoted wholly to the study of the prose-writers on which the syntax is based (*Cæsar, Cicero, Sallust*). Only when the students are able to feel a deviation from the rules there laid down do they take up *Virgil* and *Horace*, and the ante-classic and post-classic writers. To keep before them the ideal of classic prose, some of *Cicero's writings* are read in the Junior and Senior years. To make the study of Latin a means of acquiring a more thorough command of the mother tongue, idiomatic translation is insisted on. Whilst grammatical construction is everywhere carefully explained, care is taken that the scholar shall not forget that, in every literature, language is but the dress of thought. Hence the subject matter is explained thoroughly and illustrated by reference to history, mythology, art, social and political antiquities, law and etymology.

A course of one year is open to such of the Scientific Seniors as elect it. Their previous language studies enable them to make rapid progress. They read selections from *Cæsar* and *Sallust*, an oration of *Cicero* and a book of *Virgil*.

GREEK LANGUAGE AND LITERATURE.

The study of Greek is begun in the Freshman year. The students learn the paradigms, the orthography, and the general rules of syntax, complete a course of fifty-five lessons in *White's Lessons in Greek*, and read two chapters of the first book of the *Anabasis*.

In the Sophomore year Etymology and the general rules of Syntax are thoroughly reviewed and the details studied

There are weekly exercises in the elements of Greek prose composition.

Selected passages are read in the first four books of the *Anabasis*, the *Memorabilia* and a dialogue of *Plato*; about fifty pages in all. In the first the attention of the students is directed to the historical and geographical allusions, and in the last two, in addition to these, to the doctrines and opinions propounded. During this year a parallel is drawn between the Greek and Latin syntax, thereby greatly aiding the student; and the difference of the English idioms dwelt upon.

In the Junior year the exercises in composition are continued. Attention is directed to the formation of words. Either three popular orations of Demosthenes or selections from the *De Corona* are read, with attention to history and geography, and a critical analysis of the orator's style. About two books of either the *Iliad* or the *Odyssey* are read, attention being given to the scansion and Homeric syntax and dialect; and the Homeric question is presented.

The Seniors read selections from Herodotus and Thucydides, accompanied with criticism of the styles and short lectures on the historical episodes discussed. Also there are read portions of a tragedy and an entire comedy. Lectures are given on the drama and theatre, and on the Greek language and literature.

FRENCH LANGUAGE AND LITERATURE.

In the Scientific Courses, French is studied by all the students during three years, and optionally by some in the Senior year.

In the first term of the Sub-Freshman year, the course is merely practical, and little attention is paid to the grammar. To this the student is introduced more particularly in the second term, during which the exercises include written translations of easy French narratives and the construction of French sentences according to grammatical rules.

In the Freshman year, the work consists, *first*, of oral translation from the French, based upon logical and grammatical analysis, and aiming at the idiomatic rendering into English of the foreign text; *second*, of retranslation and phraseological exercises, both by imitation and by application of the grammar.

In the Sophomore year, the time is devoted, *first*, to the written translation of English selections into French; *second*, to the reading of passages from modern novels and plays; *third*, to giving oral and written *résumés* of these passages.

In the optional Senior course of one hour weekly, some short work of modern prose is read critically, and a series of lectures is delivered on the history of the French language and of the Norman French in England.

For students of the Classical Course who elect French in the Senior year, the course is so modified as to apply to advantage their previous training, especially their knowledge of Latin.

The text books used in this department are *Robertson's Method* and the professor's *Cours de Lecture, Etude Raisonnée, Contes et Mélanges, Histoire et Roman Historique* and *Polyglot Reader*.

GERMAN LANGUAGE AND LITERATURE.

Eysenbach's Grammar is introduced at the beginning of the Freshman year—during which it is the only book put into the students' hands—continued at the rate of one lesson a week through the Sophomore year, and of two lessons a week through the Junior year, at the close of which it is completed. In the Sophomore and Junior years, selections in prose and verse are read. Those students who choose to continue in this department through the Senior year read in Goethe, also a comedy and a scientific essay; they are exercised in composition and conversation.

In the one-year Senior course, also, the work proceeds

in the direction above stated ; but, of necessity, is less extended.

In both courses poetry is memorized, and prose is so learnt that the students can produce the German when the teacher gives the translation.

SPANISH LANGUAGE AND LITERATURE.

The study of the Spanish language and literature is carried on in all courses.

The Scientific students begin Spanish in the Freshman year. The elements of the language are acquired by the study of selections from *Butler's Phrase Book*, and the reading of selections in prose and verse from *Iriarte* and *Morales' Reader*.

In the Sophomore year, *Quintana's Lives* are read, exercises in dictation are added, and *Sales' Grammar* and *Pizaro's Phrases* are used.

The Juniors review the grammar by the study of *Sales' work* ; they translate *Moratin's* comedy, *El si de las Niñas*, and selections from *Don Quijote* ; make oral and written translations of English selections of various styles ; write Spanish compositions ; and study Spanish versification and literature.

The work of the Classical students in the Senior Class does not differ materially from that outlined above, except as it is affected by the shortness of the course ; which is, however, in a degree compensated for by the greater maturity and better preparation of the class.

HISTORY.

The History course extends through the Freshman, Sophomore and Junior years in all the courses. The Freshman Class study *Myers' General History* and *Freeman's General Sketch*, with map illustrations and exercises.

This general view of the history of Europe is succeeded, in the Sophomore Class, by the thorough study of English history. *Thompson's History* is taken as a guide, but the

instructors add largely, by explanation and lecture, to the matter contained in the text-book.

In the Junior year lectures are delivered upon American topics--the aim of the course being not only to extend the student's knowledge in this field, but also to lead him into critical and comprehensive methods of studying the history of his own country. The important events from the period of discovery to the present times are examined mainly with reference to their causes and influence, while due attention is paid to institutional history. Topics such as the following are treated: The gradual unfolding of the New World to the Old; the struggle for possession here by European powers; Colonial life and tendencies; the growth of liberty and of local self-government, involving the relation of American history to English; the Revolution; the new order of things; history of American politics, etc. Students are called upon to discuss the subjects in the class-room, where they also become familiar with the standard and, as far as possible, original authorities on American history. *Eliot's History of the United States* is used as a reference book.

The Historical Cabinet contains a collection of electrotypes of nearly four hundred of the finest ancient coins in the British Museum; the obverse and the reverse of each coin being shown. The arrangement exhibits, chronologically and geographically, the history of coinage from 700 B. C. to the Christian era. An additional section, one of a small number yet seen in the United States, exhibits the most famous medallions struck from A. D. 1 to 217. The whole collection is the gift of the Class of '75.

PHILOSOPHY.

The studies in this department are commenced in the Sophomore year. Logic, deductive and inductive, is then studied, as a discipline preparatory to the whole course. *Jevons' Lessons* is used as a text-book, and the students are taught to

apply logical principles by means of numerous exercises, written and oral.

The philosophical studies of the Junior year are in the field of political and social science. The first term is devoted to political science. A course of lectures is given, indicating the foundations of law and government in human nature, tracing the growth of law and governmental forms and the development of the modern constitutional state, and discussing questions in the philosophy of government and legislation. American constitutional law is studied in *Cooley's* and *Kent's* expositions, with comparison of our own and other systems. A brief view of international law is given, *Woolsey's* manual being used as a basis. In the second term economic science is taken up; the intimate connection of the economic with the political structure and development of society having already been considered, the study continues to be one of social development, but in its economic phase. F. A. Walker's text-book is used with extended comments, and a series of lectures is given on leading points in the history and theory of political economy; and in applied political economy such questions as those of money and of finance in the United States are examined.

The Senior year studies are, Psychology, Philosophy and Ethics. The principles of Pedagogics, as based in Psychology, are treated of, in connection with Psychology, but in a separate course of lectures on theory of teaching.

The instruction of the year is chiefly by lectures, with selections from manuals and with directions for reading. In Psychology, the aim is to present a descriptive view of the phenomena and laws of mental action, and also, without dwelling much on philosophical questions, to make the study lead up to philosophy. The positions of different schools on controverted points are noticed. Attention is given to physiological psychology.

The subjects of the second term are, General Philosophy

and Ethics. The philosophical doctrines and systems of most historic importance are, as far as time admits, examined and the development or speculative thought traced, to aid in elucidating the principal questions now discussed by philosophers. Political, educational and ethical theories are examined, and select topics in practical ethics are discussed, with the aid of *Janet's Manual*.

Theses on assigned topics in the course are prepared and discussed by students during the Junior and Senior year.

MATHEMATICS.

The course in Pure Mathematics is the same for all students as far as the close of the Sophomore year.

The Sub-Freshman Class study *Davies' Legendre* through the fifth book, with additional problems and theorems from the appendix and elsewhere, and *Wentworth's Algebra* from the beginning to Arithmetical Progression.

The Freshman Class complete the Geometry; they study Mensuration and Plane Trigonometry, using *Wheeler's Treatise* as a text-book, and higher Algebra, including the theory of Logarithms from *Loomis' Treatise*; and are practiced in logarithmic computation, using *Compton's Manual*.

In the first term the Sophomore Class go through *Wheeler's Spherical Trigonometry*, *Docharty's Surveying and Navigation*, and in the second term, *Peck's Analytical Geometry*, embracing the Geometry of Three Dimensions as far as Surfaces of Revolution.

Mathematics is not obligatory upon classical students beyond the Sophomore year; but such as may elect to pursue the study join the students of the Scientific Courses in the study of Calculus, which is the work of the Junior year. *Peck's Treatise* is used as a text-book, and is completed as far as the Applications to Mechanics and Astronomy.

APPLIED MATHEMATICS.

In the Scientific Course, the studies of Pure and Applied Mathematics afford the student such intellectual training and such knowledge of Mathematics, Mathematical Physics, Mechanics and Astronomy as to materially lessen the time that will be required for the study of a specialty in any of the schools of civil, mechanical or mining engineering. A graduate of good standing in the Scientific or the Mechanical course will be able to master in two years, or less, the studies usually pursued in such schools.

In the Scientific Courses, in the Junior year, while the student is acquiring, in the department of Pure Mathematics, the knowledge of the Calculus necessary for the study of Analytical Mechanics, he attends recitations and lectures on Acoustics and Optics, only such elementary mechanical principles being taught as are necessary to the understanding of those subjects. Near the end of the Junior year the study of *Bartlett's Analytical Mechanics* is commenced, and it is continued during the first term of the Senior year. Much additional matter is given in the way of illustrations and problems applying the principles taught to practical ends. In the second term of the Senior year the subject taught is Spherical Astronomy. The endeavor is made to show how the science has grown up, how its discoveries have been made, how it explains the phenomena of the heavens, to teach the general principles of the adjustment and use of instruments, and the methods of making and recording observations, and the application of astronomy to the uses of the surveyor and navigator.

In the Scientific Course, with Mechanics, further application is made of the principles of mechanics, to the study of the forms and functions of the parts of engines, the theory of prime movers, and the construction, testing and management of engines.

The scope of the instruction in the Classical Course is less extended. All that is sought is to give a general idea of the principles of Mechanics, Acoustics, Optics and Astronomy, with very little Mathematical Analysis. Of the four hours per week allotted in the Junior year to this department, generally about three are given to lectures and one to recitations.

In the Mechanical Course the work of the other courses is modified by the introduction of Elementary Mechanical Drawing. Students are required to take notes of lectures and make free-hand sketches in the class-room which are afterwards to be elaborated into finished drawings to a scale. Occasional tasks for home work are likewise given.

In the Sub-Freshman Class one-half the time is devoted to free-hand work similar in character to that of the other collegiate courses. The mechanical drawing for the same period consists of lettering, simple working-drawings, wood joints, journals, rivets, bolts, keys, simple couplings, cranks, etc.

In the Freshman Class three-fourths of the first term and one-half of the second term are given up to the corresponding studies of the other collegiate courses, the balance of the time being employed in the explanation and drawing of connecting-rods, couplings, bearings, pulleys, eccentrics, cross-heads, pistons and some of the other parts of the steam engine.

In the Sophomore Class the entire time is employed in mechanical drawing. The class is required to make finished drawing in *ink*, to acquire the use of water colors and to work only in the class-room. The subjects taken up are tinting and shading, theoretical curves and their application to gear wheels and the remaining unexplained parts of the steam engine, as the slide valve, etc.

CHEMISTRY AND PHYSICS.

The instruction in Chemistry is divided into an elementary and advanced grade.

The first is open to the students of the Sophomore Class. Two hours a week are spent in the Laboratory. *Clowes' Practical Chemistry* is the text-book followed, and the students are provided with all the necessary apparatus to perform the experiments described. Manipulation of the gases is succeeded by a course in qualitative analysis.

The advanced grade is for the students of the Senior Class. Three hours a week are given to the study, one lecture on General Chemistry, and two hours in the Laboratory. *Bloxam's* is used as a text-book of Chemistry, while *Clowes' Practical Chemistry* serves to complete the study of qualitative analysis. The laboratory instruction for the Senior Class follows a prepared synopsis. Through the study of Chemical Physics described below, the students of the advanced Chemical course are enabled to make use of apparatus essential to the thorough study of General Chemistry. In addition to the problems in qualitative analysis and chemical physics, the advanced grade provides for instruction in the outlines of Applied Chemistry, and of volumetric and quantitative analysis.

The equipment of the Chemical Laboratory is very complete; its arrangement, as well as that of the desks, offers many facilities. The Lecture-room, which adjoins the Laboratory, is provided with the necessary conveniences for lecture illustration. There is a collection of the ores and other natural specimens sufficient to illustrate the chief forms in which the elements occur. The College owns a set of charts, made by a draughtsman specially employed.

The subjects of Heat, Light and Electricity, and such other parts of Physics as have a direct bearing on Chemistry, are taught in this department.

Two lectures are given each week on general experimental physics to the students of the Sub-Freshman Class. These lectures are fully illustrated by experiments and charts. The students are required to take notes, and it being found impossible to hear the recitations upon these lectures as required by the Board of Trustees, they are marked upon the correctness and fullness of these notes. *Cooley's Physics* is given as a text-book for home study.

The students of the Junior Class listen to one lecture a week, and have one hour in the Laboratory devoted to study of themes bearing either upon the generation of the forces of nature or of those closely allied to the thorough comprehension of Chemical Physics.

The Cabinet of Physical Apparatus is provided with many instruments. There are about 2,300 pieces of Physical Apparatus. A special Laboratory for the manipulation of the apparatus adjoins the one used for Chemistry. Besides this, there is a Balance-room which contains some fine instruments. A Dark-room serves for demonstration in the use of the Spectroscope and Polariscope and in Photography. There is also a Photo-metric room. The Photometer is arranged for the comparison of two gases as well as for the determination of the candle-power of one. The College dynamo-machines, four in number, supply the electric currents necessary for experimentation and lantern projection.

Pyncheon's Chemical Physics and *Fiske's Electrical Engineering* are used as the text-books for the advanced grade. Notes must be taken of the lectures, and also of the experiments performed in the Laboratory, and reports from these submitted.

NATURAL HISTORY.

The arrangement of the studies in this department is as follows :

SUB-FRESHMAN —	{ Anatomy. } { Botany. }	Two hours per week.	{ Lectures. Text-book (<i>Kellerman</i>).
FRESHMAN—Zoölogy.		Two hours per week.	Text-book (<i>Orton</i>) and Lectures.
JUNIOR—Anthropology.		One hour per week.	Lectures.
SENIOR—	{ Mineralogy. Palæontology. } { Geology. }	One hour per week.	Text-book (<i>Dana</i>) and Lectures.

As the object of the instruction is to teach the students to observe carefully, to record accurately—to know the thing *itself*—the class-room work is made, as far as possible, practical.

The course is essentially a *biological* one. The general relations of the inorganic and organic worlds, the phenomena of life, and the structure and life-history of typical plants and animals are taught.

A good museum furnishes a great part of the material needed for illustration and study. Mounted specimens, photographs and dissections prepared in the College are being constantly added.

MUSEUM OF NATURAL HISTORY.

The collections contain 7,500 specimens: 550 of plants, 750 of vertebrata, 2,100 of invertebrata, 2,000 of minerals, and 2,100 of minerals, rocks and fossils.

A number of geological and mineralogical specimens have been added to the collection during the past year, and many objects for instruction in the Collegiate and Commercial Courses. For these the necessary case-room has been provided.

In addition to the material purchased by the College, the following gifts have been made :

1. Birds' Eggs (Collection of) Mr. Bashford Dean.
2. Brush-making Materials Messrs. F. W. Devoe & Co.
3. Conchological Specimens Smithsonian Institution.
4. " " Mr. Townsend Harris.
5. Corals of Florida (Collection of). . . Lieut.-Col. Walter McFarland, U. S. A.
6. Craniological Specimens Smithsonian Institution.
7. Entomological Collection Mr. Bashford Dean.
8. Grains (Specimens of) New York Produce Exchange.
9. Leathers (Fancy) Messrs. Tiffany & Co.
10. Linens, Silks, Furs, Cottons " E. J. Denning & Co.
11. Miscellaneous Textile Fabrics " Clafin & Co.
12. Unios of the United States Dr. Isaac Lea, Philadelphia.
13. Vegetable Fibers Mr. J. H. Hollis, Cotton Exchange.
14. Woods (Foreign and Fancy) Messrs. J. L. Daniels & Co.
15. Woolen Fabrics " Arnold, Constable & Co.
16. Wools " Mangers & Avery.
17. Fossils of S. Carolina (Collection of). Mr. William T. Rodenbach.
18. S. American Woods (60 Specimens). Messrs. T. D. & L. Hirsch.
19. Fossils and Reptiles Professor S. Woolf.
20. Birds of State of N. Y. (100 Spec.) . . Mr. Louis A. Zerega.
21. Wading Birds (25 Specimens) . . . }
 Game Fishes of Florida } Mr. W. H. Chesebrough.
22. Butterflies and Moths (500 Spec.) . . Mr. H. J. Muller.
23. Set of Whaling Harpoons (11 Spec.) . Mr. Bashford Dean.
24. Fishes (500 Spec.), largely South
 American Commissioner E. G. Blackford.

DESCRIPTIVE GEOMETRY AND DRAWING.

The Sub-Freshman Class is practiced in Drawing in outline from the flat and the round ; in surface shading in crayon or pencil, and in elementary perspective. The students draw geometrical forms, architectural and other ornaments of various styles, and the human head.

The Freshman class is instructed in Descriptive Geometry. No text-book is used ; but the professor's *Elements of Descriptive Geometry* is used as a book of reference. The instructor lectures and demonstrates at the blackboard ; each student solves every problem graphically in his drawing-book. The subject is carried through Sections and Intersections, Tangency and Development, and is applied to carpentry, machi-

nery and architecture. Practice in tinting and in drawing from actual models of machinery is given from time to time. In the second term, the subjects pursued are Shades and Shadows, and Perspective. Shadows are determined in artificial and natural light; the principles of reflection are taught. Application is made occasionally to mechanical, architectural and artistic drawing.

In the Sophomore year, the students draw from the Cast, either ornaments or organic forms, according to individual ability; they shade in charcoal, crayon, etc.

The professor delivers to the Senior Class a series of lectures on *Æsthetics*, and the History of Art and the several arts.

The casts belonging to this department are very fine, most of them having been taken from early molds. The collection contains many beautiful examples of the Phidian era, the most notable being a large number from the Frieze of the Parthenon, and a few of the best preserved metopes; the heroic statues of Theseus and Cephisus; a caryatid from the Erechtheion. These copies of the Elgin Marbles were given by Charles M. Leupp, Esq. There are, furthermore, the busts of Jupiter from Otricoli, the Venus of Milo, the Venus of Arles, Juno, the Apollo Belvedere, the Belvedere Torso, and examples of the work of Michael Angelo, Cellini and Thorwaldsen.

This department also makes use of a collection of about 275 photographs, the gift of the class of '75, framed and hung in the halls of the College, illustrating the architecture and sculpture of the Greeks and Romans, early Christian and Renaissance painting in Italy, and a number of the most noted buildings of all European countries. Each print is marked with the name, the date of production and the present location of the subject represented. East Indian architecture is likewise illustrated by a number of photographs lately purchased by the College.

THE LIBRARY.

The Library of the College contains 26,740 volumes. These are distributed as follows :

Philosophy.....	1,231	Roman Literature.....	669
Theology.....	993	French ".....	708
Mathematics.....	489	Spanish and Italian Literature..	269
Science.....	3,073	German Literature.....	880
History.....	5,515	Philology and Linguistics....	834
Biography.....	1,768	Works of Reference.....	586
Travels and Voyages.....	1,199	Bibliography.....	189
Art.....	844	Periodicals.....	3,199
Law.....	352		
English Literature.....	3,315	Total.....	26,740
Greek ".....	600		

Books may be taken from the Library by the students as well as the instructors ; by the Alumni upon a deposit of ten dollars ; and by the teachers of the common schools of the city.

The books have been purchased with the money apportioned to the College, while known as the Free Academy, as its share of the literature Fund of the State ; from the income of \$5,000 bequeathed by Mr. Ephraim Holbrook ; from the income of \$30,000 bequeathed by Mr. Seth M. Grosvenor ; and with money which has at various times been appropriated by the Board of Trustees. Many books have been presented by publishers and others.

THE WORKSHOP.

Connected with the College is a workshop in which instruction is given in mechanical manipulation and the elements of mechanical theory. The shop is a room 118 feet by 35 feet, divided into four nearly equal parts. Of these, the first, the wood-working room, contains fifteen double benches, with closets and tools, for a class of thirty. The second, for forge and vise-work, contains six forges, twenty anvils, two benches with fifteen vises, a bench for molding, and an assortment of forge and vise tools. It has accommodation for a class of thirty pupils. The third, or lathe-room, contains twenty-six speed-lathes for wood and metal-

turning, four engine-lathes, a planer, a circular saw, and two testing-machines, affording, like the others, accommodation for thirty students. The fourth contains a horizontal steam-engine of twenty-five horse-power, which drives the lathes and grind-stones, as well as the dynamos which furnish electric currents for experimental purposes and for the illumination of the shops. There is also in an adjoining room, a gas-engine of eight horse-power to take the place of the steam-engine when less power is required, and also a small vertical steam-engine, so arranged that it may be taken apart by students to allow of the study of its construction.

The Course of Study in the Workshop extends over the whole five years of the Scientific Course, with Mechanics, and over such portion of this time as may be found practicable for those students of the other courses who may elect it. For the complete course, the exercises and studies in the shop are as follows :

First Year—Theory and use of wood-working tools ; properties, defects, treatment and preservation of timbers ; use of testing-machine in the testing of timber.

Second Year—Theory and use of metal-working tools ; properties of metals and modes of working and testing them.

Third Year—Joining metals by riveting, soldering and brazing ; use of the speed lathe ; study of the parts of the steam-engine from drawings, models, descriptions and examination of engine.

Fourth Year—Use of the engine-lathe ; screw-cutting, boring, turning, facing ; measures of precision ; scraping, finishing and fitting.

Fifth Year—Strength of materials ; proportioning of parts of engines ; managing and testing of engines.

DISCIPLINE.

Every student shall conduct himself according to the rules of good manners, good morals and manly propriety ; shall

give punctual and constant attention to all his duties ; shall use the property of the institution with care and economy, and restore the same when required. Violations of the rules of the College and of propriety are visited with punishment, which varies according to the gravity of the offense, from demerit marks and formal admonition to suspension by direction of the President, and dismissal by vote of the Faculty. No student is demerited without receiving notice of the fact and the reason. A student who has received 100 demerit marks in one term, or 175 in one academic year, must leave the College.

EXAMINATIONS.

There are two examinations of all the students in all departments each year. The first is held at the close of the first term in January. It extends over a fortnight, and is really a rapid review of the studies of the term. It is conducted by means of oral recitations, and in accordance with the schedule of recitations pursued during the term. The difference lies mainly in the greater length of the daily lessons and the omission of explanations on the part of the instructor. If, upon the termination of this review, it appears to the Faculty that a student has fallen so far behind as to make it unprofitable for him to attempt to proceed or to make him a drag upon his class, he is not allowed to continue with it. The second examination is held at the close of the second term, in June ; it extends over eight working days. It is conducted mainly in writing, so that all the students in the class are examined at the same time and subjected to the same tests. The results of the examination are carefully considered by the Faculty. Those students who have done but indifferently in all or many of the studies, and those also who are seriously deficient in several, and it may be in only one, are not advanced. They may, if their parents desire it, devote another year to the same division of the course ; but no student is allowed to go over the same grade more than twice.

ALLOWANCE OF MARKS.

1. No student who is absent from any College exercise during the term, except as stated in Rule 3, shall receive any mark for the same until he has given to the President a sufficient explanation of his absence, and to the Instructor satisfactory evidence, *within one week after such absence*, of having performed the duty assigned for the time of his absence.

2. No marks shall be allowed for absence more than twice in any one term, nor for more than five consecutive days of absence in one term, except on a vote of the Faculty in each case.

3. For one day's absence in each term the President may, at his discretion, direct that a student shall be allowed his average mark for the fortnight in which such absence occurred.

4. In the Examination Review, marks may be allowed for absence of two days, and no more, if the student pass an examination in the work of the days of his absence.

5. A student absent from the Examination for Advancement, for good cause, may be examined subsequently for the purpose of determining whether he shall be advanced or not. But no mark shall be given for such examination. At the close of the student's course, however, the Faculty may, on his application, allow for the examinations from which he was absent the average mark of the student in all the examinations in the same department.

MERIT ROLL.

The Merit Roll is made up immediately after the second examination, and is published once a year. On this roll each student is ranked according to his standing in his class, determined by his merit-marks received for study and conduct during the two terms and at the examinations.

The Merit Roll maximum for each term in any subject is ascertained by multiplying the number of recitations

in a week in that subject by one hundred ; one-half of this maximum is for the term-work, and one-half for the examination.

The maximum of conduct for a term is two hundred, and the conduct-mark of each student is determined by deducting from such maximum all his demerit-marks.

On the Merit Roll the students are classified as Highest, High, Good and Low.

The student who has the greatest number of marks in his class ranks Highest.

Students rank High the total of whose marks, in study and conduct together, equals or exceeds eight-tenths of the maximum.

Students rank Good the total of whose marks equals or exceeds six-tenths of the maximum.

The remaining students rank Low.

A copy of the Merit Roll is sent to the parent or guardian of each student.

COMMENCEMENT.

The Commencement of the College is held on the fortieth Thursday after the opening of the first Term.

COMMENCEMENT HONORS.

1. Not more than six orations and dissertations shall be delivered by the students at Commencement.

2. No oration or dissertation shall occupy more than ten or less than seven minutes in its proper delivery.

3. The orators at Commencement shall be the first six members of the Graduating Class in rank, counting from the beginning of the Freshman year to the close of the Senior year.

4. The Valedictory oration shall be the first honor, and the Salutatory shall be the second ; the remaining honorary

orations shall be numbered according to the rank of the students.

5. If any of these Honor-men, except the Valedictorian and the Salutatorian, have not received eight-tenths of the maximum in Oratory (Composition and Delivery), during the Senior year, their names shall be entered on the programme, marked Excused, and suitable substitutes, in order of rank, shall be appointed.

6. When the student below the sixth rank is thus appointed, his oration shall be entered on the programme as a dissertation. The dissertation shall be numbered according to the rank of the students appointed to deliver them.

“Extract from the Minutes of the Faculty, of December 22, 1884.”

1. On or before the first of April of each year the students of the Senior Class shall hand to the President an original composition, written as a Graduation thesis, which shall contain not less than seven hundred words, nor more than nine hundred words, and which shall be examined by the Professor of the English Language and Literature, and marked on a scale of 50.

2. Any student who shall receive less than 60 per cent. shall be rated deficient, and such deficiency shall be counted a deficiency in one of the branches of study in determining the student's graduation.

3. An Honor-man not otherwise disqualified, shall deliver his Graduation thesis on Commencement, if in the opinion of the President and the Professor of the English Language and Literature the merits of the composition warrant public presentation; otherwise the author shall not speak at Commencement, but be marked “Excused” on the programme of Commencement exercises and a suitable substitute shall be provided.

4. No oration shall be delivered at Commencement, unless it have been duly rehearsed before the Professor of the Eng-

lish Language and Literature, or in case the Professor request it, before some other officer of the College, designated by the President. Each oration shall be finally rehearsed at least once in the College chapel and once in the hall where the Commencement exercises are to take place; and no student shall be allowed to speak at the Commencement unless his declamation be satisfactory to the officer before whom he has rehearsed, nor unless he have acquired such command of his oration as to be able to speak it without the aid of a prompter.

MEDALS AND PRIZES.

THE PELL MEDALS.

In 1849, Duncan C. Pell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the student who shall rank highest in all the studies of the year taken together; and in 1856, the donor authorized the trustees of the fund to devote a portion of the income to the provision of a silver medal, to be given to the student who shall rank second.

THE CROMWELL MEDALS.

In 1850, Charles T. Cromwell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the best scholar in History and Belles-Lettres; and in 1856, the donor authorized the provision of a silver medal for the second scholar.

THE WARD MEDALS.

In 1853, Augustus H. Ward, Esq., established twenty bronze medals to be awarded annually, each for one of the studies appointed, to the student of most proficiency therein, provided he shall have regularly pursued such study for not less than two months of the collegiate year then closing; a student gaining one medal not to be precluded from obtaining others at the same time or subsequently.

The subjects are: Chemistry, Natural History, Natural Philosophy, Moral Philosophy, Political Science, English, Greek, Latin, French, Spanish, German, Oratory, Composition, Logic, Astronomy, History, Drawing, Algebra and Geometry, Descriptive Geometry, Botany.

THE RIGGS MEDALS.

In 1864, Elisha Riggs, Esq., by the gift of \$1,000, established a gold medal, to be annually awarded to the author of the best English Prose Composition in the Senior Class, and a gold medal to be awarded to the author of the best English Prose Composition in the Junior Class; any surplus of income to be applied by the Trustees to further, in any way they may think best, the design of the donor to stimulate the cultivation of English Composition in the College of the City of New York. The competition is open to all who have received not less than four-fifths of the maximum in English Composition from the beginning of the Junior year. The names of the competitors must be handed to the President on or before the second Monday in February. The essays must be handed in on the first Monday in June.

THE CLAFLIN MEDALS.

In 1871, John Claflin, Esq., by the gift of \$1,250, established two gold and two silver medals, to be awarded as follows:

A gold medal to the student of the Senior Class who shall pass the best competitive examination in Greek; a gold medal to the student of the Junior Class who shall pass the best competitive examination in Latin; a silver medal to the student of the Freshman Class concerning whom the Professor of Greek shall certify that he has made the greatest proficiency in that department; and a silver medal to that student of the Freshman Class who shall receive a corresponding certificate from the Professor of Latin.

PRIZES FOR DECLAMATION.

PROSE.

In 1852, the President of the Board of Education offered a prize for excellence in public speaking, to be called the PRIZE OF THE PRESIDENT OF THE BOARD OF EDUCATION; and the successive Presidents of the Board have continued it.

The six speakers contending for this prize are chosen by their classmates, two from each of the three higher classes. Only such students are eligible as have not received fifty demerit marks during the first term, or twenty-five during the second term preceding the day of the election. They speak selected pieces. The prize is awarded by a committee of gentlemen having no relation to the College and selected by the donor.

POETRY.

Since 1855, a gentleman of this city has offered a "Prize to the best Declaimer of a Selected Poem," the competitors to be selected, one from each of the three higher classes, by the students of said classes respectively; the declamations to be delivered at the same time as the prose declamations, and the award to be made by the committee selected to confer the prize in prose speaking.

The Prize Speaking is usually held on the Monday preceding Commencement. The successful Riggs essayists read their essays on the same occasion.

THE KELLY PRIZES.

In 1868, James Kelly, Esq., by the gift of \$1,000, established two prizes. One prize is given to the best debater in the Literary Societies; three contestants being chosen by the Clionian Society, and three by the Phrenocosmian. The President of the Board of Trustees selects the subject and submits it to the Faculty for approval. The debate is held in

the College Chapel during the week preceding Commencement.

The other prize is given to the member of either society who shall write the best critique on some work of English literature. The subject is announced before the Christmas vacation, and the essays must be handed in on the first Monday in June.

The judges of the debate are selected by the President of the Board of Trustees ; the judges of the essays are the President of the College, the Professor of History and the Professor of the English Language and Literature.

THE BELDEN PRIZES.

In 1883, William Belden, Esq., by the gift of \$1,000, established prizes for excellence in Pure Mathematics. The nature of the prizes and the terms of their award are to be determined from time to time by the President of the College and the Professor of Pure Mathematics.

At present the following prizes are to be awarded annually on Commencement Day, in the Junior and Sophomore Classes :

1. A gold medal to the student in each class of greatest proficiency in the studies of the department during the year. This greatest proficiency is to be determined either from the marks from recitations and on examinations, or by a special competitive examination, as may in each case seem best to the Trustees.

2. A silver medal to any other student, in either class, whose aggregate marks for recitations and on examinations shall reach ninety-five per cent. of the maximum.

THE F. W. DEVOE & Co. PRIZES.

In 1885, Messrs. F. W. Devoe & Co. offered two prizes, each to consist of a set of drawing instruments of the value of twenty-five dollars, for proficiency in the Mechanical Arts.

They are to be awarded by a committee, consisting of the President of the College, the Chairman of the Executive Committee of the Board of Trustees, and the Professor of Applied Mathematics, to the student of greatest merit in the first and second years respectively, of the Workshop Course. Students of the Classical and Scientific courses may compete. The merits of the competitors are to be judged by the excellence and quickness of their work, and by the improvement made by them during the year.

CLASSICAL SCHOLARSHIP.

This College being, through the action of its officers and Alumni, associated with eighteen of the leading universities and colleges in the United States, in support of the American School of Classical Studies at Athens, the School is open to any properly qualified graduate of this College. Those desiring to avail themselves of this privilege should apply to the Professor of Greek for information and a certificate of scholarship.

DEGREES.

The degree of *Bachelor of Arts* is conferred on those students who have completed the Classical course ; that of *Bachelor of Sciences* on those who have completed the Scientific courses.

The Faculty recommends no student for a degree whose average standing in the studies of the Senior year has fallen below six-tenths of the maximum. Every member of the graduating class is required to write a composition for oral delivery, to be sent in four weeks before Commencement.

A Bachelor of Arts or of Sciences may be recommended for the degree of Master of Arts or of Sciences on the following conditions :

1. He shall, at the date of the Commencement at which the degree is to be conferred, have been graduated at least three years.

2. He shall have been engaged for at least two years in the study of some literary or scientific subject, and shall furnish, as evidence of such study, either the diploma of the college or school which he has attended, or a detailed statement of the subjects and books which he has studied.

3. He shall present to the Faculty, at least six weeks before the Commencement, a thesis, satisfactory both in matter and style, on some subject connected with his studies, accompanied by a declaration that such thesis is his own work.

THE ASSOCIATE ALUMNI.

The College has graduated in thirty-nine classes, from 1853 to 1891, 1,459 men, of whom about 1,250 are living. These are associated under the name of "The Associate Alumni of the College of the City of New York." The annual meeting is held on the day after Commencement, at the College building. The officers for the present year are :

<i>President</i>	HENRY SNYDER CARR, '66.
<i>Vice-President</i>	RICHARD LELAND SWEETZ, '74.
<i>Secretary</i>	JOHN WELDON, JR., '61.
<i>Treasurer</i>	ALRICK HUBBELL MAN, '77.
<i>Historian</i>	JOHN SHERMAN BATTELL, '73.

STUDENTS' AID FUND.

In 1857, the Associate Alumni established a fund for the purpose of assisting such students as might otherwise find difficulty in completing their collegiate course. This fund is maintained by contributions from the Alumni. The management of the fund is committed to five trustees, who loan, without interest, such sums as they think proper to deserving students; and neither the names of those to whom the loans are made, nor the amounts of the loans, are known to any but the trustees and the auditors of the fund.

The following are the present trustees, to whom application may be made :

JOHN R. SIM, '68....	At the College.
JOHN HARDY, '53.....	265 Broadway.
ALFRED G. COMPTON.....	At the College.
CHARLES L. HOLT, '53.....	188 Front Street.
EVERETT P. WHEELER, '56.....	45 William Street

LITERARY SOCIETIES.

Two Literary Societies, the Clionian and the Phrenocosmian, are connected with the College. They are devoted to the cultivation of the arts of composition, oratory and debate and the promotion of friendly intercourse between students.

Weekly meetings are held during the collegiate year. The exercises consist of the reading of an essay and a selection, the delivery of a declamation or an oration, and the debate of a question previously appointed. A magazine is also read at intervals, to which the members contribute, anonymously, articles of a lighter nature than the essays. The Clionian library, containing many valuable books, and the Phrenocosmian reading-room, where may be found the leading magazines and periodicals of the day, are in two of the side-rooms of the Chapel, and are open to the members every afternoon of the College week.

COMMENCEMENT.

JUNE 18, 1891.

The following award of Medals and Prizes was made according to the terms and conditions heretofore mentioned :

THE PELL MEDALS.

First, Gold	HOWARD S. MEIGHAN.....	Senior.
Second, Silver.....	JESSE W. EHRLICH.....	Freshman.
Third, Silver.....	ERNEST VON FINTEL.....	Junior.
Fourth, Silver.....	EDWARD C. ZABRISKIE.....	Sophomore.

THE CROMWELL MEDALS.

SOPHOMORE CLASS.

First, Gold.....	JOHN D. HANEY.
Second, Certificate.....	HERMAN SIMPSON.
Third, Certificate.....	MOSES S. LEVUSSOVE.

A certificate of equal merit with MOSES S. LEVUSSOVE to EDGAR J. KOHLER.

THE WARD MEDALS.

Chemistry	HAROLD E. LIPPINCOTT	Senior.
Natural History.....	HOWARD S. MEIGHAN.....	Senior.
Natural Philosophy.....	FRED. G. REYNOLDS.....	Senior.
Logic.....	AUGUST P. BJERREGAARD.....	Sophomore.
Political Science.....	HERMAN B. BARUCH	Junior.
English	FERD. E. M. BULLOWA.....	Junior.
Greek	EMMANUEL LIBMAN.....	Senior.
Latin.....	WILLIAM CARL	Senior.
French	NATHANIEL A. ELSBERG.....	Senior.
Spanish	ERNEST A. VON FINTEL.....	Junior.
German	EMIL GOLDMARK.....	Junior.
Oratory.....	JAMES J. K. HACKETT.....	Senior.
Composition	ARTHUR GUITERMAN.....	Senior.
Moral Philosophy.....	WILLIAM CARL.....	Senior.
Astronomy.....	FRED. G. REYNOLDS	Senior.
History.....	HERMAN SIMPSON.....	Sophomore.
Drawing	JOHN R. POPE	Sophomore.
Algebra and Geometry....	MAX MONFRIED.....	Sub-Freshman.
Descriptive Geometry....	CHARLES DERLETH.....	Freshman.
Botany	BAYARD S. CAIRNS	Sub-Freshman.

A certificate of equal merit with his classmate who received the medal, was awarded as follows :

Logic..Ed. C. ZABRISKIE.....Sophomore.

THE RIGGS MEDALS.

SENIOR CLASS.

SUBJECT :—" Arbitration as a Method of Settling International Disputes."

JOSEPH H. HERTZ.

JUNIOR CLASS.

SUBJECT :—" The Hanseatic League, Its Aims and Influences."

FERDINAND E. M. BULLOWA.

Honorable mention.....ALFRED A. COOK.

THE CLAFLIN MEDALS.

SENIOR CLASS—Greek.

NATHANIEL A. ELSBERG.

JUNIOR CLASS—Latin.

STEPHEN S. WISE.

FRESHMAN CLASS.

Greek.....OTTO HENSEL.
Latin.....OTTO HENSEL.
Certificate of Equal Merit.....JESSE W. EHRLICH.

THE PRIZES OF THE PRESIDENT OF THE BOARD OF EDUCATION.

Prose Declamation.....G. M. L. SCHULZ.....Junior.
Poetry Declamation.....JAMES J. K. HACKETT.....Senior.
Honorable mention (Prose).....EMIL GOLDMARK.....Junior.
" (Poetry).....F. APPLETON and M. G. RIESER.

THE KELLY PRIZES.

FOR THE BEST DEBATE. SUBJECT :—"That the existing principles underlying Reciprocity (the American policy being referred to) constitute the true basis of legislative action in respect to commerce with foreign nations.

SOLOMON M. STROOCK.....Senior.....Of the Clionian Society.

FOR THE BEST CRITIQUE. SUBJECT :—"Taine's Ancient Regime."

EDGAR J. KOHLER.....Sophomore.....Of the Clionian Society.

THE BELDEN MEDALS.

JUNIOR CLASS.

First,	Gold Medal.....	ERNEST A. VON FINTEL.
Second,	Silver Medal.....	ISAAC NATKINS.
Third,	Silver Medal.....	CHARLES A. LAWRENCE.
Fourth,	Silver Medal.....	EDWARD A. ALEXANDER.
Fifth,	Silver Medal.....	JOHN B. COLEMAN.
Sixth,	Silver Medal.....	NATHAN OTTINGER.
Seventh,	Silver Medal.....	HERMAN B. BARUCH.

SOPHOMORE CLASS.

First,	Gold.....	WALTER TIMME.
Second,	Silver.....	WILLIAM A. DALTON.
Third,	Silver.....	WALTER M. BRICKNER.
Fourth,	Silver.....	MOSES S. LEVUSSOVE.
Fifth,	Silver.....	EDWARD C. ZABRISKIE.
Sixth,	Silver.....	EDWARD J. McNALLY.
Seventh,	Silver... ..	CHARLES HAFNER.

THE F. W. DEVOE PRIZES.

Wood-working.....	EVERETT N. GARNSEY.....	Sub-Freshman.
Metal-working.....	THOMAS A. BENNETT.....	Freshman.

HONORS.

The Honors at Commencement were—

First (Valedictorian).....	HOWARD S. MEIGHAN.
Second (Salutatorian).....	SAMUEL FRIEDWALD.
Third	FREDERICK G. REYNOLDS.
Fourth.....	SYDNEY L. WOOD.
Fifth	HAROLD E. LIPPINCOTT.
Sixth	WILLIAM CARL.

Honorable mention was made of FRANCIS SMYTH, CARL THEOBALD, LOUIS E. VAN NORMAN, EMMANUEL LIBMAN, HARRY NECARSULMER, and JOHN C. OAKES, for having obtained over eighty-five per cent. of the maximum of marks from the beginning of the Freshman year to the end of the Senior year.

DEGREES CONFERRED.

BACHELOR OF ARTS.

ALTERUG, LOUIS J.	HUIELL, JOHN M.
BERG, ALBERT.	JACOBS, ALFRED M.
CARL, WILLIAM.	KELLY, EDWARD H.
DANN, NICHOLAS R.	LIBMAN, EMMANUEL.
ELDER, ROBERT.	LINDROTH, CHARLES H.
ELSBERG, NATHANIEL A.	MAN, ARTHUR.
EMLEY, JOSEPH N.	MARX, LOUIS J.
FRIEDWALD, SAMUEL.	MARX, WOLFFE B.
FRISBEE, HARRY D.	MEYER, WILLIAM H.
GEYER, PAUL W.	OAKLEY, CHARLES S.
GUITERMAN, ARTHUR.	RODMAN, HARRY.
HANDY, ARTHUR W.	SMYTH, FRANCIS.
HENSCHER, JOSEPH.	STEINACH, WILLIAM.
HERTZ, JOSEPH H.	STERN, PHILIP H.
HOFFMANN, ALFRED L.	VAN NORMAN, LOUIS E.

BACHELOR OF SCIENCES.

BINION, JOSHUA.	NELSON, HENRY C.
CLEARMAN, WALLIS J.	OAKES, JOHN C.
COHN, ISADORE.	RAINEY, WILLIAM.
FOSTER, FREDERICK J.	REYNOLDS, FRED. G.
FREUND, JACOB M.	SAMUELS, ROBERT V. S.
GARTENSTEIG, CHARLES.	SCHEUER, LOUIS.
GREER, JOHN G.	STROOCK, SOLOMON M.
HAMBURG, DAVID J.	THEOBALD, CARL.
HARTNETT, EUGENE H.	TIMMERMAN, ARTHUR H.
KELLY, WILLIAM V.	TIMMERMAN, CHARLES E.
LIPPINCOTT, HAROLD E.	TOBIAS, LEO.
LUDVIGH, ELEK J.	TRAFFORD, FORREST R.
MEIGHAN, HOWARD S.	VICTOR, FREDERICK.
MILLER, IRA A.	WEILER, CHARLES H.
NECARSLUMER, HARRY.	WOOD, SYDNEY L.

MASTER OF ARTS.

SAMUEL A. TUSKA, A. B., '84.	JOHN H. BELL, A. B., '88.
JAMES L. HASTIE, A. B., '85.	EDWARD MANDELL, A. B., '88.

MASTER OF SCIENCES.

GUSTAV R. TUSKA, B. S., '88.

COLLEGIATE CALENDAR.

1891-1892.

1891.

Sept. 17. Thursday.—Commencement of First Term.

Nov. 3. Tuesday.—Election Day.

Nov. 26. Thursday.—Thanksgiving Day.

Dec. 25. Friday.—

}

WINTER VACATION.

1892.

Jan. 2. Saturday.—

Jan. 15. Friday.—End of First Term.

Jan. 18. Monday.—Review Examination commences.

Jan. 29. Friday.—Review Examination ends.

Feb. 1. Monday.—Commencement of Second Term.

Feb. 22. Monday.—Washington's Birthday.

April 15. Friday.—Good Friday.

April 30. Saturday.—

}

SPRING VACATION.

May 7. Saturday.—

May 27. Friday.—End of Second Term.

May 30. Decoration Day.

May 31, June 2, 3.—Examination for Admission.

June 6, 7, 8, 9, 10, 13, 14.—Examination for Advancement.

June 17. Friday.—Kelly Debate.

June 20. Monday.—Prize Speaking.

June 23. Thursday.—Commencement.

June 24. Friday.—

}

SUMMER VACATION.

Sept. 14. Wednesday.—

Sept. 15. Thursday.—Commencement of First Term.

BOARD OF TRUSTEES.

NAME.	RESIDENCE.	PLACE OF BUSINESS.
Gerard, James W.,	17 Gramercy Park.	
Gray, William H.,	130 West 11th street,	22 Wooster street.
Guggenheimer, R.,	16 East 81st street,	46 Wall street.
Harris, R. Duncan,	117 East 34th street,	
Holt, Charles L.,	117 West 130th street,	188 Front street.
Hubbell, Charles B.,	143 West 64th street,	2 Wall street.
Hunt, John L. N., LL.D.	207 West 69th street,	137 Broadway.
King, Jr., David H.,	514 Fifth avenue,	35 Wall street.
Little, Joseph J.,	23 West 45th street,	10 Astor place.
Lummis, William,	547 Madison avenue.	
MacLay, Robert,	50 West 57th street,	432 Canal street.
McBarron, James W.,	283 East Broadway,	283 East Broadway.
Moriarty, Thaddeus,	39 West 130th street,	209 Park Row.
O'Brien, Miles M.,	135 East 71st street,	224 Church street.
Peaslee, Edward H.,	29 Madison avenue,	29 Madison avenue.
Powell, Mrs. Sarah H.,	324 West 58th street.	
Purdy, Samuel M.,	West Farms,	West Farms.
Sanger, Adolph L.,	50 East 63d street,	115 Broadway.
Strauss, Charles,	137 West 95th street,	237 Broadway.
Tamsen, E. J. H.,	331 East 18th street,	52 Avenue A.
Webb, Alexander S.,	15 Lexington avenue,	College.
Williams, Mrs. Clara M.,	130 West 70th street.	

Arthur McMullin, Secretary ; Office, Hall of the Board of Education.

Edward E. Van Saun, Assistant Secretary ; Office, Hall of the Board of Education.

SCHEDULE OF ASSIGNMENTS OF CLASS-ROOM INSTRUCTION.

Room.		MONDAY.						TUESDAY.						WEDNESDAY.						THURSDAY.						FRIDAY.					
		1	2	3	4	5	Work-shop.	1	2	3	4	5	Work-shop.	1	2	3	4	5	Work-shop.	1	2	3	4	5	Work-shop.	1	2	3	4	5	Work-shop.
Prof. Roemer	12	...	Sr ^{1a}	F ⁸	F ⁶			F ⁹	Sr ^{1a}	F ⁶				F ⁷	Sr ^{1a}	F ⁵				Sr ^{1a}	F ⁸	F ⁵				Sr ^{1a}	F ⁸	F ⁵			
" Doremus	Lecture.	Sr	J ⁴	J ³	Sr ^{2a}			J ⁴	Sr ^{2a}	J ⁴				Sr ^{2a}	J ³	J ⁴				J ³	Sr ^{2a}	J ⁴				J ³	Sr ^{2a}	J ⁴			
" Werner	17		J ⁴	J ³	Sr ^{2a}			J ⁴	Sr ^{2a}	J ⁴				Sr ^{2a}	J ³	J ⁴				J ³	Sr ^{2a}	J ⁴				J ³	Sr ^{2a}	J ⁴			
" Compton	15	J ^{3,4}	J ^{1,2}	Sr ^{1a}				J ^{1,2}	Sr ^{1a}	J ^{3,5}				J ²	Sr ^{1b}	J ¹	J ²			J ¹	Sr ^{1b}	Sr ^{1a}	J ²			J ¹	Sr ^{1b}	Sr ^{1a}	J ²		
" Herbermann	8	J ¹	Sr ^{1b}	Sr ^{1c}				J ¹	Sr ^{1b}	J ²	J ¹			J ¹	Sr ^{1b}	Sr ^{1c}	J ²			Sr ^{1b}	Sr ^{1c}	J ²				Sr ^{1b}	Sr ^{1c}	J ²			
" Scott	19	F ¹	J ³		Sr ³			J ¹	J ⁵	J ²				J ¹	Sr ³	J ⁴				Sr ³	J ²	J ³				Sr ³	J ²	J ³			
" Woolf	Drawing.	S ²	S ⁵	S ³				S ¹	S ¹	S ²	S ³			S ²	S ³	S ⁴	S ⁵			Sr ¹	Sr ¹	Sr ¹				Sr ¹	Sr ¹	Sr ¹			
" Newcomb	22		Sr ²	J ^{1,2}	Sr ¹			Sr ¹	J ³		Sr ²			J ³	J ²	Sr ²				Sr ¹	J ³	J ²	J ¹			Sr ¹	J ³	J ²			
" Tisdall	6	J ²	S ¹		Sr ²			Sr ^{1c}	J ¹	S ¹				Sr ^{1c}	Sr ²	S ²	J ¹			J ²	J ¹	J ²	S ¹			Sr ^{1c}	J ²	J ¹			
" Mason	21	S ³		J ⁴	S ¹			J ⁵	S ¹	J ³				J ⁵	J ³	S ³				J ⁴	Sr ²	J ⁵	J ⁴			Sr ²	J ⁵	J ⁴			
" Johnston	9		S ⁴	S ²	S ⁵			J ¹	S ³	J ²				S ⁵	S ⁴	J ³				J ⁴	Sr ²	J ⁵	J ⁴			Sr ²	J ⁵	J ⁴			
" Stratford	N. H. Hall.	F ⁸			F ⁵			Sr ²	F ²	J ⁴				F ¹	J ²	Sr ¹				F ⁵	J ⁵	F ²	J ³			J ⁵	Sr ¹	F ⁸	J ¹	F ¹	
Tutor Fabregou	H	F ¹¹	F ⁵	F ¹⁰				Sr ³	F ¹¹	F ⁷	S ⁵			Sr ⁴	F ⁹	F ⁸	F ¹⁰			Sr ⁴	Sr ³	F ¹¹				Sr ⁴	Sr ³	F ¹¹			
" McGuckin	10	F ⁷	F ¹	F ⁹	F ⁴			F ²	F ⁵	F ¹	F ⁹			F ⁴	F ⁵	F ⁷	F ²	F ³		F ³	F ⁷	F ⁴	F ¹			F ³	F ⁷	F ⁴			
" Sim	20	S ⁵	F ³	S ¹	F ¹			Sr ²	F ³	F ⁵	F ¹			F ³	F ⁴	F ²	S ²			Sr ⁴	F ¹	S ⁵	F ³			F ³	Sr ²	F ¹	S ⁴		
" Hunt	13	F ²	F ⁸	F ⁷	F ³			F ³	F ¹	F ³	F ⁷			F ³	F ⁴	F ²	F ³			F ⁷	F ⁴	F ¹	F ⁸			F ²	F ^{1,4}	F ⁷			
" Sickels	N. H. Hall.	2	4	3	10			1	7	8	6			4	10	3	9			1	5	6	8			2	7	9	5		
" Smith	14	1	7	6	5			7	2	1	3			5	2	6	4			4	1	7	3			6	2	5	3	4	
" Doremus	Laboratory.	S ¹	S ^{2,3}					S ^{4,5}	J ⁴	Sr ¹				Sr ¹	S ¹	J ⁵	Sr ²			Sr ²		J ¹	S ^{4,5}			J ²	J ³	S ^{2,3}			
" Friedburg																															
" Mandel	Lecture.	Sr			Jr			J ⁴						J ⁵						J ¹						J ²	J ³				
" Legras	F	F ⁹	9	F ⁶	F ¹⁰			F ⁹	F ⁶	9				F ¹⁰	9	F ⁹	F ⁶			F ⁹	9	F ⁶	F ⁹			9	F ⁶	F ¹⁰	F ⁹		
" Mott	18		F ¹¹	S ¹	S ⁴			S ⁵	S ²	S ⁴	F ⁹			S ¹	S ²	S ⁵	S ⁴			S ¹	S ⁵	S ⁴				S ¹	S ⁵	S ⁴	S ⁵		
" Mitchell	Workshop {		F ⁹	F ¹¹	F ¹⁰	S ⁵		F ¹⁰	F ⁹	F ¹¹	S ⁵			F ⁹	F ¹⁰	F ¹¹	S ⁵			F ⁹	F ¹⁰	F ¹¹				F ¹⁰	S ⁵	F ¹¹	F ⁹		
" Rupp		15	14	11	12	13			14	15	13	12	11		11	14	12	13	15		14	13	15	12	11		11	14	12	15	13
" Baralt	4		J ⁴	S ⁵	Sr ^{2b}			F ³	J ⁴	Sr ^{2b}				Sr ^{2b}	S ⁵	J ⁴				Sr ^{2b}	S ⁵	J ⁴				Sr ^{2b}	S ⁵	J ⁴			
" Kost	G	F ⁵	F ¹⁰	S ⁵	F ⁷			F ¹⁰	S ³	S ⁴				S ⁵	F ⁵	F ⁷				S ⁵	F ⁶	S ⁴	S ³			S ³	F ⁵	S ⁴			
" McNulty	Z	S ⁴	F ²	J ⁵				F ⁸	F ⁵	F ⁴				S ³	J ⁴	S ¹	J ⁵			S ²	J ⁴	F ³	J ⁵			F ⁶	S ⁵	J ⁴	F ⁷		
" Fox	3	13	S ⁵	12	F ⁹	14		12	13	F ¹⁰		F ¹¹		F ¹¹	F ¹⁰	13	S ⁵	F ⁹		F ⁹	F ¹¹	F ¹⁰		12		F ¹¹	F ⁹	S ⁵	F ¹⁰		
" Parnly	E	F ⁴	6	F ²	4			4	F ⁴	6	F ²			6	F ²	4	F ⁴			F ⁴	6	4	F ²			F ⁴	F ²	6	4		
" Powell	O	J ⁵		F ⁵	F ⁸			F ⁵	J ⁵	F ⁸				J ⁴	F ⁸	F ⁵				F ⁸	F ⁵					J ⁴	J ⁵	F ⁵	F ⁸		
" Ilgen	M	4	J ⁵	5	6			F ¹¹	4	5	J ⁵			J ⁵	6	5	F ⁹			J ⁵	F ⁹	F ¹¹					6	4	J ⁵		
" Perham	Chapel, S.	7	13	2		15		12	11	2				15	7		11	12		13	12	2	15			13		7	11		
" O'Brien	5	F ⁶	10	9	11			F ⁸	9	15	F ⁵			F ⁵	F ⁶	15	10			9	11	F ⁵	F ⁶			14	10	11		F ⁵	
" Constant	K	6	11	10	7			11	6	7	10			10	11	7	6			6	7	11	10			7	11	10	6		
" Fennebresque	7	8	12	13	9			9	8	12	13			8	12	9		13		12	8	9	13			12	9	13	8		
" Downer	L	10	15	1	14			15	10	14	1			1	15	10		14		15	10	14	1			10	15	14	1		
" Perrin	Chapel, N.	9	3	8	1			14	10	8				9	8	1	3				14	10	9				3	1	10	14	
" Carr	B	5	F ⁷	15		F ¹¹		F ⁷	5	F ¹¹		15		F ⁷	5	F ¹¹	15			F ¹¹	15	5	F ⁷			F ⁷	5	15	F ¹¹		
" Remy	Y	F ³	F ⁴	F ¹	8			F ¹	F ²	F ⁴				F ¹	F ³	F ¹	F ⁴			F ¹	F ³	F ¹	F ⁴			F ¹	8	F ²			
" Meighan	N. H. Hall.	F ¹⁰	F ⁶	F ³	F ¹¹			F ⁴	F ⁷	F ¹³				F ⁶	F ¹¹	F ⁸	F ¹⁰			F ⁶	F ⁸	F ⁷	F ¹⁰			F ⁸	F ¹¹	F ⁶	F ¹⁴		
" Reynolds	A	12	8	7	3			8		3	7	12		12	3	8	7			8	3	12	7			3	12	8	7		
" Lippincott	C	11	2	14	13			13	11	2	14			14	13	11	2				2	13	11	14			13	2	14	11	
" Burke	X	3	5	4	2			2	3	4	5			3	4	2	5				2	3	2			5	4	3	2		

OFFICERS OF THE COLLEGE.

Baralt, Luis A.,	Instructor,	250 West 55th street.
Burke, Edmund,	Tutor,	188 Henry street.
Carr, Henry S.,	Tutor,	133 Manhattan avenue.
Compton, Alfred G.,	Professor,	40 West 126th street.
Constant, Stanislas C.,	Tutor,	142 East 48th street.
De Groadt, James H.,	Tutor,	288 Summit ave., Jersey City.
Doremus, Charles A.,	Tutor,	49 East 29th street.
Doremus, R. Ogden,	Professor,	241 Madison avenue.
Downer, Charles A.,	Tutor,	1992 Lexington avenue.
Fabregou, Casimir,	Tutor,	111 West 130th street.
Fennebresque, Louis,	Tutor,	1685 Morris avenue.
Fox, William,	Tutor,	West New Brighton, S. I.
Friedburg, L. Heinrich,	Tutor,	1104 Lexington avenue.
Herbermann, Charles G.,	Professor,	223 West 25th street.
Houston, Robert,	Instructor,	216 West 15th street.
Hunt, Leigh H.,	Tutor,	Flushing, L. I.
Ilgen, Ernest,	Tutor,	369 Herkimer street, Brooklyn.
Johnston, Henry P.,	Professor,	132 East 24th street.
Kost, Henry G.,	Tutor,	164 East 70th street.
Legras, Gustave,	Tutor,	44 East 79th street.
Lippincott, Harold E.	Tutor,	230 West 76th street.
Mandel, John A.,	Tutor,	Astoria, L. I.
Mason, James Weir,	Professor,	32 West 129th street.
Mayell, Henry,	Secretary,	17 Lexington avenue.
McGuckin, William G.,	Tutor,	126 West 129th street.
McNulty, John J.,	Tutor,	144 East 47th street.
Meighan, Howard S.,	Tutor,	Mamaroneck, N. Y.
Mitchell, Harvey F.,	Tutor,	164 East 89th street.
Mott, Lewis F.,	Tutor,	367 West 19th street.
Newcomb, George B.,	Professor,	256 West 57th street.
O'Brien, Walter	Tutor,	105 Baltic street, Brooklyn.
Parmly, C. Howard,	Tutor,	344 West 29th street.
Perham, Frederic E.,	Tutor,	240 West 127th street.
Perrin, Ernest N.,	Tutor,	138 West 129th street.
Powell, H. Wheeler,	Tutor,	116 West 129 street.
Remy, Arthur F. J.,	Tutor,	415 St. Nicholas avenue.
Reynolds, Frederick G.,	Tutor,	140 West 132d street.
Roemer, Jean,	Professor,	16 East 43d street.
Rupp, August,	Tutor,	63 East 7th street.
Scott, David B.,	Professor,	112 West 122d street.
Sickels, Ivin,	Tutor,	353 New York ave., Jersey C'y.
Sim, John R.,	Tutor,	New Rochelle, N. Y.
Smith, Calvin R.,	Tutor,	293 Decatur street, Brooklyn.
Stratford, William,	Professor,	245 West 52d street.
Tisdall, Fitz Gerald,	Professor,	Woodbridge, N. J.
Webb, Alexander S.,	President,	15 Lexington avenue.
Werner, Adolph,	Professor,	339 West 29th street.
Woolf, Solomon,	Professor,	31 West 126th street.
Bonney, Michael F.,	Janitor,	College Building.
Reed, James,	Engineer,	College Building.

ABBREVIATIONS.

Am. Inst. M. E.—American Institute of Mining Engineers.

B. H. M. C.—Bellevue Hospital Medical College.

C. C.—Columbia College.

N. Y. Col. Pharm.—New York College of Pharmacy.

N. Y. U.—University of the City of New York.

P. & S.—College of Physicians and Surgeons.

St. F. X.—College of St. Francis Xavier.

U. T. S.—Union Theological Seminary.

W. Univ. Peana.—Western University of Pennsylvania.

ALUMNI.

1853.

Birdsall, George W., A.B., civil engineer, Department Public Works, 31 Chambers street.

*Brant, James Randolph, A.B.

Clark, George Lyon, A.M., merchant, 122 Duane street.

Compton, Alfred George, A.M., professor, 40 West 126th street.

Corwin, Edward T., A.M., D.D., clergyman, Millstone, N. J.

*Donahue, John Henry, A.B.

Gray, Giles Hubbard, A.M., lawyer, 420 California street, San Francisco, Cal.

Grout, Thomas J., A.M., inspector, 44 Pearl street.

Hardy, John, A.M., lawyer, 265 Broadway.

Holt, Charles Lorin, A.B., merchant, 188 Front street.

Hubbell, Charles W., A.M., book-keeper, National Park Bank.

Rayner, Benjamin S., A.M., agent.

Seligman, Isaac, A.B., banker, London, England.

Sparrow, George, A.M., merchant, 118 Withers street, Brooklyn, E. D.

Steers, James R., Jr., A.B., LL.B., C.C., '63, lawyer, 55 Liberty street.

*Ward, Elijah, A.M.

Wightman, James S., A.B., architect, 2279 and 2281 Third avenue.

1854.

Anderson, Joseph, A.M., D.D., U. T. S., '58, S. T. D., Yale '78, '84, Member Yale College Corporation, Member Am. Antiq. Soc., Member Am. Orient Soc., Member Am. Hist. Soc.,

Member Am. Philol. Soc., clergyman, Waterbury, Conn.

Babcock, Nichols H., real estate, 5 Beekman street.

Belfour, Edmund, A.M., clergyman, Pittsburg, Pa.

Cruikshank, William, A.B., agent, 37 Astor House.

Denny, John Tappan, A.B., banker, 6 West 34th street.

Donahue James M., M. S., lawyer.

Douglass, Eugene, A.M., M.D., physician, 317 West street.

*Duncan, Peter H., A.M.

*Forbes, John McL., A.M.

*Gray, William Neil, A.M.

Kimball, Rodney G., A.M., B.S., professor, Polytechnic Institute, Brooklyn.

Little, James A., A.M., D.D., Lafayette, '87, clergyman, Hokendauqua, Pa.

*Moulton, Francis D., A.B.

Nixon, George, A.M., clergyman, Tremont, N. Y.

Post, George E., A.M., M.D., N. Y. U., Fellow Linnean Soc., London, Member N. Y. Acad. Med., Member N. Y. Acad. Sciences, professor surgery, Beirut, Syria.

Velsor, Joseph A., A.B., drugs, 9 Gold street.

Walsh, De Witt C., A.B., engineer.

Walther, Peter, A.B., iron founder, 365 East 123d street.

Weir, Robert Fulton, A.M., M.D., professor, 37 West 33d street.

*White, Charles Belden, A.M., M.D., ass't surgeon, U. S. A.

White, George, Jr., A. M., Principal G. S. 70, 207 East 75th street.

*Wightman, Edw. K., A.M.

* Deceased.

1855.

- *Abel, William Henry, A.M.
- Adams, William Menzies, A.M., N. Y.
Life Ins., 465 Waverley avenue,
Brooklyn.
- Allendorph, Charles W., A.B., mer-
chant, Lawrence, Kansas.
- *Alvord, Alwin Alonzo, A.M.
- Babcock, Hamlin, A.M., real estate,
62 Liberty street.
- Baldwin, Simeon, Jr., B.S., banker,
18 Wall street.
- *Bayles, Lewis Condit, A.M.
- Brinkerhoff, Walter, A.B., clerk, 433
Bergen avenue. J. C. Heights.
- Church, Elihu Dwight, A.M., mer-
chant, 129 Pearl street.
- Cole, William Madison, A.M., Pres.
Brooklyn Life Ins. Co., 20 Nassau
street.
- Daly, Charles. A.M., merchant, 84
Chambers street.
- *De Camp, William H., A.M.
- *Fernandez, Luis, A.B., M.D.
- Gardner, Andrew J., A.B., merchant,
114½ Norman avenue, Brooklyn.
- *Grant, James H., A.B.
- Greenfield, George J., A.M., lawyer,
35 Broadway.
- *Hayes, Charles Gregory, A.B.
- *House, Samuel B., A.M.
- Jessop, Samuel, A.M., M.D., physi-
cian. U. S. A.
- Keyser, Robert Blair, A.M., LL.B.,
C.C., '65, teacher, W. 79th Street
and 10th avenue.
- *Kimball, Warren W., A.B.
- Lee, Benjamin F., A.B., lawyer, 20
Nassau street.
- Macfarlane, Hugh, Jr., A.B., mer-
chant, 1130 Park avenue.
- Mason, Francis Asbury, A.B., clergy-
man, Flemington, N. J.
- Mason, James Weir, A.M., professor,
32 W. 129th street.

- *Post, Henry A., A.M.
- Raymond, Russell. A.M., secretary,
501 Fifth avenue.
- Rowell, Alfred, A.B., clerk, 411 Wal-
nut street, Philadelphia, Pa.
- Saunders, Thorndike F., A.M., law-
yer, 170 Broadway.
- Searle, Dayton W., A.M., M.D.,
physician, 6 West 127th street.
- Wight, Peter Bonnett, A.B., archi-
tect, 202 La Salle Street, Chicago.
- Wightman, Charles S., A.B., clergy-
man, Oyster Bay, L. I.

1856.

- Baker, Colgate, A.B., merchant.
- *Davis, Henry, Jr., A.B.
- Hatfield, Robert Frank, B.S., archi-
tectural engineer and accountant,
31 Pine street.
- *Howe, John, Jr., A.M., M.D.
- Jasper, John, A.M., Superintendent
Schools, 146 Grand street.
- Kenyon, John, A.B.
- *Leeds, Frederick A., A. B.
- McMullen, Francis, A.B., clerk, 174
E. 104th street.
- McMullin, Arthur, A.M., clerk, Board
of Education, 146 Grand street.
- *Muller, Adrain H., Jr., A. B.
- *Pinkney, Howard, A.M., M.D.
- Pratt, Charles Henry, A.M., surveyor,
Minneapolis, Minn.
- Ranney, Julius Harris, A.M., LL.B.,
lawyer.
- *Rising, Franklin S., A.M.
- *Sherman, Henry, A.B.
- Sturgis, Russell, A.M., architect, 807
East 17th street.
- *Van Buren, James L., A.B.
- *Walker, Aldace A., A.B.
- *Ward, John Edward, A.B.
- Wheeler, Everett P., A.M., Dart-
mouth College, LL.B., Harvard
College, Member Board of Educa-

* Deceased.

tion, 1877-'79 ; Chairman Municipal Civil Service Board, 1883-'89 ; Author of "The Modern Law of Carriers" ; "Wages and the Tariff," lawyer, 45 William street.

1857.

Abbe, Cleveland, A.M., U. S. Signal Service, 1825 I street, Washington, D. C.
 Babcock, Jared Starr, A.M., stationer, 2083 Fifth avenue.
 *Banning, Wells T., A.B.
 *Bell, Joseph William, A.M.
 *Bloomfield, Smith, A.M., B.S., LL.B.
 *Brush, Charles T., M.S.
 Church, James Austin, A.B., B.S., merchant, 129 Pearl street.
 Denman, William M., A.M., LL.B., lawyer, 145 Broadway.
 Fanning, David Green, A.B., clerk, 57 Willoughby street, Brooklyn.
 *Fisk, Samuel Nelson, A.M., M.D.
 *Hawes, Geo. Elias, A.B., B.S., M.D.
 *Jeliffe, Samuel Gould, A.M.
 Kitchell, Charles Henry, A.M., lawyer, 140 Nassau street.
 *McMullen, Patrick, A.B.
 Maxwell, Samuel, A.M., B.S., clergyman, 15 Lincoln avenue, Allegheny, Pa.
 Myers, Oscar, A.B., merchant, 16 Beekman street.
 Roberts, John Sinclair, A.M., B.S., Member N. Y. Hist. Soc., professor, Morris Plains, N. J.
 *Solomon, Nathan, M.S.
 *Van Deusen, Sylvester, A.B.
 Van Sicken, George W., M.S., LL.B., lawyer, 146 Broadway.
 Werner, Adolph, M.S., Ph.D., professor, 339 West 29th street.

1858.

Banks, William Mellen, A.M., broker, Portchester, N. Y.
 Beneville, Emile, D.M., LL.B., lawyer, 140 Nassau street.
 Blake, Theodore A., A.B., mining engineer, New Haven, Conn.
 Childs, A. Frederick, B.S., book-keeper, 17 Burling slip.
 *Clark, John, A.B.
 *Crowther, Thomas, A.M.
 Ely, John Andrews, A.B., real estate, 22 Pine street.
 Goodwin, James, A.M., assistant superintendent, 146 Grand street.
 *Hallock, William K., A.M., M.D.
 *James, Charles Arthur, A.B.
 Ketchum, Alex. P., A.M., lawyer, 4 William street.
 *Kirkland, William, A.B.
 Kursheedt, Manuel A., A.M., lawyer, 4 Warren street.
 McKee, Thomas J., A.M., lawyer, 237 West 24th street.
 *Moriarty, Henry E., A.B.
 Pettigrew, John Fisher, A.B., book-keeper, Hackensack, N. J.
 Plyer, Charles Whiting, A.B., insurance, 32 Liberty street.
 Pullman, J. Wesley, M.S., secretary and treasurer, 240 South Third street, Philadelphia, Pa.
 *Sands, Walter Seabury, A.B., LL.B.
 *Sloan, Henry King, A.B.
 Sturges, Peter D., A.B., merchant.
 Tomkins, Elliott D., A.M., clergyman, Calvary Chapel, 23d street, near 3d avenue.
 Utter, George Spencer, A.B., coal dealer.
 Vehslage, Henry, Jr., A.M., clergyman, Irvington, N. J.
 Whittemore, Samuel W., B.S., architect, 106 Broadway.

* Deceased.

1859.

Appleton, John Perrin, A.M., clergyman, Boonton, N. J.
 Boarer, James, Jr., A.B., florist.
 Carolin, John Aloysius, M.S., clerk, 39 West 12th street.
 Dresser, Horace E., A.M., merchant, 376 Broadway.
 Elliott, Richmond B., A.M., M.D., V.P. G. S. 32, 10 West 127th street.
 Fackler, David Parks, A.M., actuary, 20 Nassau street.
 Fitzpatrick, James C., A.M., editor.
 Gardiner, Asa B., A.M., LL.D., Major, U. S. A., judge advocate, Garden City, N. Y.
 Gilley, Franklin W., Jr., A.M., broker, 64 Broadway.
 Howland, Elijah A., A.M., Principal G. S. 68, 207 West 135th street.
 Hudson, Wilbur Fisk, A.B., Principal G. S. 18, 121 East 51st street.
 Ireland, Oscar Brown, A.B., Act. Mass. Life., Springfield, Mass.
 *Knox, James, A.M., LL.B.
 Lozier, Abraham W., A.M., M.D., physician, 339 West 46th street.
 Mackie, Simon Frazer, A.M., merchant.
 Man, William, A.M., lawyer, 56 Wall street.
 Martin, Benjamin Ellis, M.D., physician, London, England.
 Merritt, Mortimer C., M.S., architect, 1267 Broadway.
 *Quinn, William Bernard, A.M.
 *Sanders, Reid, A.B.
 Seaman, James Alfred, A.M., lawyer, 45 Broadway.
 Sherman, Gardiner, A.B., 71 Wall street.
 *Southworth, Joseph, B.S.
 Sullivan, Dennis F., A.M., book-keeper, 64 Pearl street.

Sutton, John Joseph, A.B., merchant, Rye, N. Y.
 Tanzer, Arnold, A.M., merchant, 473 Broadway.
 Tisdall, Fitz Gerald, A.M., Ph.D., professor, 17 Lexington avenue.
 Wood, Edward A., A.B., merchant, 321 Fifth avenue.
 *Woodruff, Lockwood D., A.B., M.D.
 Woolf, Solomon, A.M., professor, 31 West 126th street.

1860.

*Adams, Samuel G., B.S.
 Allison, Thomas, A. M., lawyer, 59 Liberty street.
 *Balch, Charles Leland, A.M.
 Black, George A., A.B., LL.B., lawyer, 66 Wall street.
 Bradley, Edward A., A.M., clergyman.
 Buckmaster, John W., A.B., clergyman, Marlborough, N. Y.
 Chappell, William, A.B., clerk, 86 Pike street.
 Chollar, Byron Edgar, A.B., superintendent Gas-works, Topeka, Kansas.
 Connor, Rowland, M.S., editor.
 *Crocheron, Reuben, A.B.
 *Crosby Frank Butler, A.B., 1st lieutenant 4th U. S. Artillery.
 Delaney, John J., A.B., Principal G. S. 12, 222 Henry street.
 de Peyster, Fred. J., A.M., LL.B., lawyer, 7 East 42d street.
 *de Peyster, Jacob A., A.M.
 Dwight, Melatiah E., A.M., clergyman, Fairfield, Iowa.
 Easton, Robert T. B., A.M., LL.B., lawyer, 120 Broadway
 *Goodwin, Fred. J., A.B.
 Grant, Rich. Suydam. A.B., banker, 33 Wall street.
 *Gray, William C. Bryant, B.S.

* Deceased.

*Harrt, Henry Le Baron, A.M., M.D.
 Hiscock, Freeman, A.B.
 Hobart, Frederick, A.M., editor, 45
 Broadway.
 Hyatt, Stephen Burdett, A.M., LL.B.,
 C.C., '62, Member Medico-Legal
 Soc., Member Archæological Soc.,
 lawyer, 120 Broadway.
 James, Josiah, A.B., Penn, Florida.
 *Keith, C. Clarence T., A.B.
 Ketchum, Edgar, A.M., LL.B., C.C.,
 lawyer, 4 William street.
 *Loveridge, Henry, M.S.
 Mackeller, Thomas, A.B., lawyer, 132
 Nassau street.
 Markoe, Francis, A.B., editor, Balti-
 more, Md.
 McCutcheon, Edward, A.M.
 Meeks, Ed. Bartlett, A.B., clerk, 30
 Vesey street.
 *Nesbitt, Alexander, A.M.
 *O'Brien, William, A.M.
 O'Neil, Henry P., A.M., LL.B., C.C.,
 '73, Principal G. S. 1, 222 Henry st.
 Rawolle, Frederick, M.S., engineer.
 Sherwood, Scott R., A.M., lawyer, 140
 Nassau street.
 Smith, William C., B.S., builder, 71
 Perry street.
 Thurman, William, A.B., M.D.,
 physician, 517 Madison avenue.
 Torrey, Herbert Gray, A.B., U.S.
 Assayer, 32 Wall street.
 *Trainor, Eugene F., A.B.
 Tremain, H'y Edwin, A.B., LL.B.,
 lawyer, 167 Broadway.
 Van Boskerck, R. T., A.M., LL.B.,
 C.C., '64, lawyer, 280 Broadway.
 Weightman, George, Jr., A.M., sec-
 retary Hazard Powder Co., 63 Pine
 street.
 White, Henry Kirke, M.S., LL.B.,
 lawyer, St. Joseph, Mo.
 Wood, Joseph Lane R., M.S., mer-
 chant, 115 Nassau street.

*Young, Ed. Francis, major 4th N. Y.
 Vol. Heavy Artillery and major U.
 S. A.

1861.

Ascough, Theodore G., B.S., clerk,
 171 West 11th street.
 *Bancker, Marinus, W., A.M.
 Briggs, Benj. Mills, M.S., M.B., phy-
 sician, 106 Willoughby street,
 Brooklyn.
 Childs, Evander, Jr., M.S., Principal
 G. S. 61, 153 East 117th street.
 Cooper, George C., A.B., LL.B., mer-
 chant, 113 East 21st street.
 Cox, Edwin Marion, A.M., broker,
 N. Y. Stock Exchange.
 Crosby, William B., A.B., LL.B.,
 lawyer, 120 Broadway.
 *Elliott, Gilbert M., A.B., major 102d
 N. Y. Vols., colonel U. S. Vols.
 Hopkins, S. Milford B., A.B., insur-
 ance agent, 52 Wall street.
 *Hopping, Edward C., A.B.
 Hyde, Edwin Francis, A.B., LL.B.,
 lawyer, 54 Wall street.
 Kelly, Edward C., A.M., clerk, 322
 East 87th street.
 Kennedy, Theodore W., B.S., secre-
 tary, P. O. Box 850.
 Kennedy, Thomas J., A.M.
 *Kiernan, Lawrence D., A.M., LL.B.
 *Kimball, William C., M.S.
 King, James, Jr., A.B., druggist, 2342
 4th avenue.
 Kingsland, Phineas C., searcher,
 Comptroller's office, 280 Broadway.
 Kirkland, Charles P., Jr., lawyer.
 Little, William, A.B., merchant.
 Lowrey, James Patchell, A.B., law-
 yer, 61 Wall street.
 Man, Frederick H., A.B., LL.B.,
 lawyer, 10 Wall street.
 McGeorge, William, Jr., A.M., law-
 yer, Bullitt Building, 4th street,
 above Walnut street, Philadelphia.

* Deceased.

Mitchell, Roland G., Jr., B.S., merchant, 141 Water street.

*Morrison, James E., A.M., LL.B.

*Murphy, James, A.M.

Orr, Robert, A.B., merchant, 388 Pearl street.

*Pullman, James Henry, B.S.

Raymond, James Loder, A.B., clerk in Comptroller's office, 280 Broadway.

*Roberts, George W., A.B.

Sanger, William Henry, B.S., clerk, Comptroller's office, Albany, N. Y.

Selvage, Henry C., A.M. 2d lieutenant 87th N. Y. Vols., brevet 1st lieutenant N. Y. Vols., 1st lieutenant 3d U. S. Heavy Artillery.

*Slade, Frederick Jarvis, A.B.

Spir, Archibald W., B.S., LL.B., lawyer, 26 Broad street.

*Starkey, David James, A.B.

Taylor, Alfred Henry, B.S., stock raiser.

*Terry, David Dean, A.M., LL.B.

*Thurston, George W., A.M., B.S.

*Turner, John Hamilton, A.M., LL.B.

Vienot, Emile, A.B., teacher, Jamaica, L. I.

*Watson, George W., A.B.

Weldon, John Jr., A.B., bookkeeper, Newark, N. J. (P. O. box 165).

West, William F., A.M., cashier, 64 Broadway.

White, Cyrus Baker, B.S., broker.

White, Jefferson H., A.M., merchant, 34 Warren street.

Wilson, Thaddeus, A.M., lawyer.

Wood, Joseph Simeon, A.M., LL.B., editor, Mt. Vernon, N. Y.

Young, Nathaniel, A.B., broker.

1862.

Adams, Augustus R., B.S., merchant.

Aiton, William, A.B., lawyer.

Berryman, Wilson, A.M., clerk, 421 West 43d street.

Boyer, Edward H., A.M., Principal G.S. 87, 79th street and 10th avenue.

Brekes, David, A.B., M.D., physician, 319 East 51st street.

Brower, John Lovett, A.M., LL.B., lawyer, 173 Broadway.

Calhill, Wm. Edward, A.B., teacher.

Carley, Eldred A., A.M., LL.B., lawyer, 76 Chambers street.

Dwight, Elihu, A.M., leather manufacturer, 141 Sixth avenue, B'klyn.

*Fitch, Aug's Dennis, A.B.

Granberry, William H., A.B., broker, 18 New street.

Honner, John, B.S., real estate.

Hoyt, Harlow Mather, A.M., LL.B., lawyer, 44 Broadway.

Koch, Joseph, M.S., LL.B., lawyer, 45 Broadway.

Lee, Arthur Malachi, A.M., LL.B., V. P. G. S. 22., 310 Garden street, Hoboken, N. J.

Lord, Henry, A.B., 58 West 57th st.

McAfee, Knox, A.B., broker, 352 West 30th street.

*Michaelis, Otho Emil, A.M., M.S. Ph.D.

Needham, George G., A.M., M.D., B.H.M.Col., '65; Ph. G., N. Y. Col. Pharm., '83, Member Amer. Acad. Medicine, physician, 218 East 19th street.

Newschafer, William H., A.M., LL.B., lawyer, 169 Broadway.

Page, James Seaver, B.S., merchant, 132 West 58th street.

Roberts, Charles, Jr., A.M., LL.B., professor, 18 West 14th street.

Roberts, Nathan B., A.B., importer, 177 Greene street.

Sanger, Adolph Lewis, A.M., LL.B., C. C., '64, Presidential Elector '84, President N. Y. Board of Aldermen, '85-'86, Commissioner of Education '88, lawyer, 115 Broadway.

Deceased.

Slocum, William Edward, M.S., LL.B., C.C., '64, lawyer, Evergreen, Queens Co., N. Y.

*Snow, George W., Jr., A.B.

Spencer, Galen Carter, Jr., A.M., clerk.

Stuart, Sidney H., M.S., LL.B., lawyer, 27 Chambers street.

Stoutenburg, William, A.B., weigher, 33 S. William street.

Strong, Richard Polk, A.B., lieutenant U. S. A.

*Sutherland, John, A.B.

*Trippe, James Matthews, A.M., Brevet Brigadier General, U. S. Vol.

Ward, Caleb Theophilus, A.M., clergyman, 167 West 49th street.

1863.

Baldwin, Truman H., A.M., LL.B., lawyer, 31 Nassau street.

Blauvelt, John H. K., A.M., lawyer, 140 Nassau street.

Blumenstiel, Alexander, A.M., lawyer, 322 Broadway.

Clark, George Crawford, A.B., banker, 51 Wall street.

Crosby, Henry Ashton, A.B., clerk, 32 Nassau street.

Dwight, John Elihu, A.B., merchant, 11 Old slip.

*Ferrier, Thomas, Jr., A.M.

Ferrier, Wm. Walker, A.M., clerk, 346 Broadway.

Fisher, E. W., A.M., M.D., P. & S., '71, teacher, 32 East 26th street.

Forbes, Arthur, Jr., M.S., teacher and clergyman, 432 East 58th street.

*Frost, Robert Browne, B.S.

*Garrison, John Poole, Jr., A.M., M.D.

*Gore, Martin Alonzo, B.S.

Gumbleton, Henry A., A.B., LL.B., lawyer, 291 Broadway.

*Hartt, James Main, A.B.

*Hewitt, Alfred, A.M.

Hickok, George Benedict, A.M., M.D., physician, 346 East 4th street.

Howland, H. Raymond, A.M., merchant, Buffalo, N. Y.

Jenkins, Aug. Shotwell, B.S., clerk, 10 West 21st street.

*Labagh, Isaac Meade, A.B.

Lomia, Luigi, M. S., 1st lieutenant 5th Artillery U. S. A., State University, Madison, Wis.

*Marshall, James, A.M., clergyman.

*Monell, Ambrose, A.M.

*Morse, Gilbert Livingston, A.M.

Mott, Richard Emery, A.B., bookkeeper, 307 West 47th street.

*O'Rourke, John, A.B.

Owen, Ed. Livingston, A.B., lawyer, 16 Exchange place.

Perham, Theodore Aug., A.B., bookkeeper, 19 Cliff street.

Roberts, Wm. Henry, A.M., D.D., W. Univ., Penn., '84; LL.D., Miami Univ., '88, professor theology, Lane Theo. Sem., Cincinnati, Ohio.

Steele, Henry S., A.B., broker, 43 Broad street.

Stephens, George Washington, A.M., LL.B., lawyer, 132 Nassau street.

Thompson, Edw. Lush, B.S., agent.

*Throckmorton, B. W., A.B.

Van Vleck, Ab'm Kipp, A.B., teacher, 57 West 10th street.

*Walker, James Henry, B.S.

Wandell, Townsend, A.M., LL.B., lawyer, 290 Broadway.

Wood, George Warren, A.M., clergyman, Poplar Creek, Mont.

*Zabriskie, Lemaire, A.B., M.D.

1864.

Bull, William Lanman, A.B., broker, 38 Broad street.

*Burrell, Philip Ware, A.B.

Candler, James R., M.S., real estate, 209 East 34th street.

* Deceased.

*Clarkson, John Abbott, A.B.
 Coddington, Henry K., M.S., LL.B.,
 lawyer, Passaic, N. J.
 Demarest, George Fran., B.S., lawyer,
 32 Nassau street.
 Dohrman, Aug. Fred., A.M., mer-
 chant, 93 Wall street.
 Dougherty, Michael Angelo, A. B.,
 clergyman.
 Dwyer, Michael J., M.S., V. P. G. S.
 23, 66 East 127th street.
 Edmundson, H. J. N. P., M.S., teacher.
 Flammer, Chas. A., M.S., Member
 Assembly, '72. Police Justice, '73-81,
 lawyer, 280 Broadway.
 Fuller, Luther Mason, B.S., merchant,
 89 and 91 Warren street.
 Gimbernath, Teofilo, B.S., merchant,
 Seward, N. J.
 Glassford, John H. N., B.S., superin-
 tendent, 33 Eleventh st., Hoboken,
 N. J.
 Goebel, Lewis S., A.B., lawyer, 254
 Broadway.
 *Harsen, John Pease, A.M.
 Hartt, Clinton Jones, A.M., assistant
 actuary, 32 Nassau street.
 Herz, Cornelius, M.S., M.D., physi-
 cian.
 Hoe, George Edgar, B.S., Trustee 16th
 Ward Schools, '88-90, builder, 10
 Liberty place.
 Hornthal, Lewis Marx, A.M., Trustee
 19th Ward Schools, merchant, 670
 Broadway.
 *Hudson, E. Darwin, Jr., A. M., M.D.
 Jacob, Ephraim Arnold, B.S., LL.B.,
 C.C., '66, lawyer, 322 Broadway.
 *Kane, Jasper Theo., A.M.
 King, William Henry, A.M., U. S.
 Com. for Northern Dist. N. Y., 29
 Broadway.
 *Kingsland, Isaac Stanley, B.S.
 Lauterbach, Edward, A.M., lawyer,
 120 Broadway.

Leventritt, David, A.B., LL.B.,
 N. Y. U., '84, lawyer, 280 Broadway.
 Mackie, George Barclay, A.B., mer-
 chant, 24 Beaver street.
 Man, Albon Platt, Jr., A.B., C.E.,
 assistant engineer, Temple Build-
 ing, St. Louis, Mo.
 Mayer, George Fred., A.M., town lot
 agent, U. P. R. R.
 McAdam, Lucius, M.S., lawyer, 171
 Broadway.
 Moore, Edgar Wells, A.B., cashier,
 121 Fulton street.
 *Oakley, Charles Edward, M.S.
 Patterson, Seeley Ben., B.S., Member
 Am. Inst. Min. Eng., superintend-
 ent mines, Dover, N. J.
 *Quackenbush, A., Jr., A.B.
 *Spingarn, Siegmund, A.B.
 Ward, Fred. Butler, A.B., farmer.
 Warth, John Wm., Jr., A.M., M.D.,
 P. & S., '63, physician, 569 Madison
 street, Brooklyn.
 Westerfield, Wm., Jr., A.M., clergy-
 man, Jersey City, N. J.
 White, John Stewart, A.B., importer,
 87 Worth street.

1865.

Bronson, R. Donaldson, A.B., 16 Ex-
 change place.
 Clinch, Edward Sears, B.S., LL.B.,
 lawyer, 115 Broadway.
 *Crosby, John Player, A.B.
 Drach, William, A.M., 62 Forsyth
 street.
 Easton, Peter Zaccheus, A.M., D.D.,
 U.T.S., '70, Missionary, Tabriz,
 Persia.
 Friedlander, Leonard, A.B., B.S.,
 merchant.
 Gilman, Daniel Trimble, A.B., real
 estate, Sioux City, Iowa.
 Greene, Albert Terry, M.S., insur-
 ance, 32 Nassau street.

* Deceased.

Griffen, Benjamin, A.M., merchant,
37 West 58th street.

Heiser, William Henry, A.B., hard-
ware, 37 West 45th street.

Hitchcock, Urban G., A.M., M.D.,
professor, 51 West 29th street.

*Hunt, John Sandford, A.M.

Knapp, John Augustus, A.M., E.M.,
mining engineer, Salt Lake City,
Utah.

*Krieg, George, A.B.

Lane, William Henry, A.B., mer-
chant, 207 West 43d street.

Lyng, Jandine, B.S., lawyer, 120
Broadway.

Moore, William, B.S., clerk.

Murray, Wm. Maitland, A.M., broker,
23 West 127th street.

Penfield, John Benjamin, A.M., book-
keeper.

Sampson, Francis Asbury, A.M.,
LL.B., N.Y.U., lawyer, Sedalia,
Mo.

*Shach, Rudolph William, A.B.

Sieberg, William Henry J., A.M.,
Principal G. S. 43, 158 East 124th
street.

Smith, Charles Henry, M.S., LL.B.,
lawyer, 5 Lispenard street.

Stitt, John Henry, A.B., LL.B., law-
yer, 113 Fulton street.

Stratford, Thomas, M.S., civil en-
gineer, Department Public Works,
31 Chambers street.

Stratford, Wm., A.M., M.D., Ph.D.,
professor, 17 Lexington avenue.

Tracy, Charles, Edward, A.M., LL.B.,
lawyer, 45 William street.

Van Arsdale, Wm. H., A.M., E.M.,
mining engineer.

1866.

Bancker, Aldert Hutton, A.M.,
lawyer, 38 Wall street, and Board
of Health, 301 Mott street.

Brinckerhoff, Charles H., A.M.,
actuary, 269 High street, Newark,
N. J.

Brittain, Thomas Jesse, M.S., artist,
134th street, near Willis avenue.

Cahen, Solomon P., A.B., M.D.,
physician, 227 West 44th street.

Carr, Henry Samuel, A.M., tutor,
133 Manhattan avenue.

Casey, Joseph James, A.M., teacher,
G. S. 83, 42 East 112th street.

Cunningham, Richard J., B.S.,
clerk.

Eurich, Frederick Ernst, A.B.,
mining engineer, Aurora, Ill.

Gordon, Read, B.S., manufacturer,
563 Greenwich street.

Hall, Charles Lemon, M.S., clergy-
man, Fort Bertholf, Dak.

Hallock, James C., Jr., M.S., M.D.,
physician, 124 West 104th street.

*Hanson, John Augustin, A.B.

Hershfield, Abraham, A.M., lawyer,
287 Broadway.

Hibbard, Charles Mould, A.M., life
insurance, 171 Broadway.

Korminsky, Henry, M.S., merchant,
244 East 30th street.

*Lee, Hugh, A.B.

*McAdam, Randolph, A.M.

*Newton, Henry, A.B., E.M., Ph. D.

Orvis, Henry Paine, B.S., banker.

Saulnier, Kenton, B.S., merchant,
Bradford, Pa.

Saunders, Richard J., B.S., clerk.

*Scully, Thomas Francis, B.S.

Smith, David Lowber, B.S., Engineer
of Mines, Ecole des Mines, Paris,
1869; Ass't Eng'r Dep't City Works,
Brooklyn, 1870-'78; Ass't Eng'r
Dep't Public Works, N. Y. City,
1878-'85; Deputy Com'r Public
Works, 1885-'88; Commissioner of
Public Works, 1888-'89; Collector
of Assessments, Comptroller's office,

* Deceased.

N. Y. City, 1890-'91; Ass't Deputy Comptroller, 1891; Consulting Engineer, City of Bridgeport, Alabama; Member Am. Soc. Civil Engineers.

Vanderbilt, Edgar, M.S., teacher, 334 West 124th street.

Wotton, James A., Jr., A.M., merchant, 119 Spring street.

1867.

Arkenburgh, Oliver M., A.B., merchant, 78 Broad street.

*Blondel, Eugene, A.B., M.D.

Bushe, Eugene L., A.M., lawyer, 150 Broadway.

Chapman, Henry F., A.B., clerk, 48 East 26th street.

Cumming, William J., A.B., clergyman, Yorktown, N. Y.

*Donaldson, James F., M.S.

Dudley, Edward B., A.B., merchant.

*Elliott, Selah, H., A.B.

Farnsworth, James M., B.S., architect, 44 Broadway.

Farrell, Edward D., B.S., Assistant Superintendent of Schools, 146 Grand street and 163 East 124th street.

*Fellows, Louis, A.M., LL. B.

*Goldsmith, Eleazer, A.M.

Grau, Maurice H., A. M., theatrical manager.

Grunhut, Bernhard, A.M., M.D., physician.

*Hanks, Arthur M., A.M.

Harding, Henry C., M.S., LL.B., lawyer, 239 Broadway.

Hess, William C., M.S., Principal G. S. 19, 439 East 118th street.

Hindhaugh, Wm., Jr., A.M., lumber, Oswego, N. Y.

Hiscox, Charles E., A.M., clergyman.

*Ketchum, Daniel P., A.M.

Kimball, Charles O., A.B., dentist, 13 West 32d street.

Moore, William L., A.M., teacher.

Nutting, Lucius H., B.S., R.R. agent.

Patterson, Franklin B., B.S., advertising agent, 27 Park Row.

Ray, Martin H., A.M., V. P. G. S. 51, 416 West 55th street.

Seaman, Samuel E., A.M., clerk, 67 Morton street.

Scott Francis M., A.M., LL.B., lawyer, Tryon Row.

Simmons, William G., M.S., clergyman, 9th avenue and 59th street.

*Smith, George W. P., A.B.

Stevenson, William S., A.B., 514 Pine street, St. Louis, Mo.

1868.

Angel, Frank Warner, A.B., lawyer, 12 Bridge street.

Blauvelt, Gerrit Franklin, A.B., M.D., physician, Nyack, N. Y.

Bowker, Richard R., A.B., editor, 330 Pearl street.

Buckley, Lawrence C., A.B., teacher, G. S. 40, Ridgely Park, N. J.

Chambers, Theo. Frel., A.B., clergyman, Deckertown, N. J.

Chesebro, Luke Barber, A.B., ass't supt.

Crawford, Gilbert Holmes, A.B., LL.B., lawyer, 229 Broadway.

Cronly, John Edward, B.S., LL.B., lawyer, 5 Beekman street.

Cruse, Thomas K., A.M., M.D., physician, Wappinger's Falls, N. Y.

Cunningham, C. Jerome, B.S., clerk, 554 West 28th street.

Delafield, Albert, A.B., LL.B., lawyer, 49 Exchange place.

Goldschmidt, S. A., A.B., E.M., C.C., '71, Ph.D., Emory Col., '75, Ass't Ohio Geol. Survey, '71, Fellow

* Deceased.

Chem. Soc., London, Fellow Am. Association Adv. Science, chemist, Columbia Chemical Works, Brooklyn.

Gregory, Benjamin C., A.B., Sup't Schools, Trenton, N. J.

*Hamlin, Frederick H., A.B.

*Howe, Walter M.S., LL.B.

Kelly, Stephen, A.B., M.D., physician, 3 East 73d street.

Kelly, William Henry, B.S., LL.B., lawyer, 7 Beekman street, 337 East 15th street.

Knox, John M., Jr., A.B., LL.B., lawyer, 145 Broadway.

McDonald, Albert G., A.B. Supervisor Kings Co., '76-80, Civil Service Com'r, Kings Co., '90, lawyer, 16 Court street, Brooklyn.

McMaster, Robert B., B.S., LL.B., lawyer, 48 Wall street,

Milliken, Peter, Jr., A.B., editor, Montgomery and Sacramento streets, San Francisco, Cal.

*Pitshke, William F., B.S., LL.B.

Pope, William Barent, A.B., clerk, 100 East 85th street.

*Seaman, Richard Reece, A.B.

Sim, John Robert, A.B., tutor, New Rochelle, N. Y.

Stuart, Benjamin Hale, A.B., clerk, 244 N. Broadway, Baltimore, Md.

Webb, Henry T., B.S., clerk.

Woodford, Franklin E., B.S., lawyer, 201 Broadway.

Wright, Frederick A., A.B., M.D., physician, Glen Cove, L. I.

1869.

Allen, Sturges, B.S., clergyman, Newburgh, N. Y.

Baker, George A., Jr., A.B., LL.B., lawyer.

Baldwin, Harris Judson, A.B., civil engineer, Hudson, Wis.

Burchard, Thomas H., A.M., M.D., physician, 24 West 40th street.

Chalmers, William I., A.B., clergyman, Riverhead, N. Y.

Chesebro, George, A.B., clerk, Glenham, N. Y.

Claffin, John, A.B., merchant, 140 Church street.

Clark, James Oliver, A.B., LL.B., lawyer, 20 Nassau street.

*Clark, William Henry, A.M., LL.B.

Geyer, Wm. Ernst, A.B., B.S., Ph.D., professor, Stevens Institute, Hoboken, N. J.

Gratacap, Louis B., A.M., Ph.B., ass't, geology, Am. Mus. Nat. Hist., Central Park.

*Hanekamp, John H., B.S.

Hiscox, Edwin Thomas, A.B., clergyman, Iowa City.

Hiscox, Henry Orne, A.M., clergyman, 438 East 57th street.

Hoope, Anthony Joy, A.B.

Jakobi, Alphonse A., B.S., LL.B., lawyer, 54 Pine street.

Julien, Matthew C., A.B., clergyman, New Bedford, Mass.

*Kelly, Peter Joseph, A.B., LL.B.

Lay, Geo. C., Jr., A.M., LL.B., lawyer, 24 Wall street, 34 West 128th street.

McGuckin, Wm. G., A.B., LL.B., tutor, 126 West 129th street.

Mackean, James, B.S., teacher, 91st street, near 4th avenue.

Maconnell, James M., B.S., manufacturer, Morrisania, N. Y.

Maguire, John T., B.S., Principal G. S. 35, 60 West 13th st.

*Matthews, Edward Loree, Jr., A.B.

Miller, Theodore F., A.B., LL.B., lawyer, 229 Broadway.

Mottet, Henry, A.B., clergyman, 47 West 20th street.

*Nehrbas, Chas. J., B.S., LL.B.

* Deceased.

O'Donnell, Wm. H., B.S., journalist,
132 Lexington ave.
Patterson, Henry Turner, A.B., mer-
chant, 138 Centre street.
Ritterband, D. S., A.B., LL.B., law-
yer, 57 Broadway.
Rush, Thomas J., B.S., lawyer, 68
Beaver street.
Sheffield, James Carey, A.M., LL.B.,
lawyer, 173 Broadway.
Shepard, Edward Morse, A.B., Com'r
Civ. Service, Brooklyn, '83-85,
Chairman Civ. Ser. Com., Brooklyn,
'88-90, N. Y. State Forestry Com'r,
'84-85, author of (1) "Life of Mar-
tin Van Buren, Statesmen Series,
(2) "Memoirs of Dugdale," Member
Cobden Club, England, lawyer, 111
Broadway.
Teas, John, A.M., Ph.D., D.D.,
Univ. Omaha, '90, clergyman, 3806
Hamilton st., Philadelphia, Pa.
Townley, John Francis, B.S., V.P.G.
S. 12, 371 Madison street.
Tully, Marcus Edward, B.S., M.D.,
physician, 118 East 19th street.
Tytler, Geo. Edwin, B.S., M.D.,
physician, 113 West 126th street.
Wheaton, John Roland, A.B., Mt.
Vernon, N. Y.
Wilds, Howard Payson, A.B., LL.B.,
lawyer, 55 Liberty street.
Wing, Frank Luman, A.B., piano
manufacturer, 521 West 24th street.
*Wray, Joseph Bowman, B.S.

1870.

Abbe, Robert, A.B., M.D., physician,
11 West 50th street.
Bourquin, Louis, B.S.
Cardozo, M. H., B.S., LL. B., lawyer,
120 Broadway.
Clark, Nathan, Jr., B.S., caterer,
22 West 23d street.
Clay, George Everson, B.S., civil

engineer, 5 Jackson avenue, Long
Island City, N. Y.
Crowell, John Beverly, B.S., M.D.,
physician, 157 West 21st street.
Doremus, Charles Avery, A.M., M.D.,
Ph. D., tutor, 92 Lexington avenue.
Furey, Joseph George, A.B., teacher,
G.S. 40, 79 Keap Street, Brooklyn.
*Halstead, Isaac Coutant, B.S.
Huxley, Thomas Charles, B.S.,
student.
Innes, John Henry, B.S., LL.B.,
lawyer, 291 Broadway.
Jackson Samuel M., A.M., clergyman,
14 East 31st street.
Jennings, Arthur Bates, A.B., archi-
tect, 239 Broadway.
Jessup, Charles B., A.B., lawyer,
256 Broadway.
Jordan, L. C. Levin, B.S., stenog-
rapher, 128 West 61st street.
Kelsey, Charles Boyd, A.B., M.D.,
Prof. Diseases of Rectum in the
University of Vermont, 1890, Prof.
N. Y. Post Graduate Medical School
and Hospital, 1890-'91, Member N.
Y. Acad. Medicine, Member N. Y.
Co. Medical Soc., Member N. Y.
Clinical Soc., physician, 25 Madi-
son avenue.
Kinch, Charles Augustus, A.B., M.D.,
physician, 256 West 54th street.
Ledwith, James J., B.S., Spring
Valley, N. Y.
*Lloyd, David Demarest, A.B.
Lyon, Addison Jesse, A.B., LL.B.,
teacher, 337 West 11th street.
McAdam, Graham, A.M., clerk,
308 West 20th street.
McBride, Charles Clinton, A.B.,
editor, Elizabeth, N. J.
Montgomery, John H., A.B., LL.B.,
lawyer, 32 Nassau street.
Nettleton, Charles Hinc, B.S., super-
intendent Gas-works, Derby, Conn.

* Deceased.

Smidt, Allan Lee, B.S., lawyer, 49 Chambers street.
 Underhill, Fred. Lacy, A.B., engineer, 43 Lafayette place.
 Waterbury, John Isaac, B.S., vice-president, 10 Wall street; president, 10 Park place.
 White, Thomas R., B.S., LL.B., lawyer, 2 Wall street.
 Whitley, Jonas Ezra, B.S., journalist, 428 West 20th street.
 Wilcox, William Henry, B.S., clerk.

1871.

Acton, John Whittaker, B.S., cashier, 171 Duane street.
 Alker, Alphonse Henry, B.S., lawyer, 11 Pine street.
 Anderson, Frank, A.B., M.D., physician, Assistant Surgeon, U.S.N.
 Bernhardt, Joseph, B.S., teacher, 418 East 84th street.
 *Blun, Abraham, B.S., C.E.
 Bontecou, Daniel, B.S., chief engineer, Kansas City, Fort Scott & Memphis R. R., Kansas City.
 Cardozo, Daniel Henry, B.S., civil engineer, 37 East 65th street.
 Dougherty, J. Hampden, A.B., LL.B., lawyer, 7 Nassau street.
 Edwards, W. DeForest, A.B., Ph.B., LL.B., lawyer, 111 Broadway.
 *Ford, Thomas J. I., A.B., M.D.
 Frank, Julius Jos., A.M., B.S., LL.B., lawyer, 243 Broadway.
 Frazer, William Youle, B.S., merchant, 417 West 21st street.
 Geehr, Thomas Le Van, B.S., bookkeeper, 56 Middagh street, Brooklyn.
 *Haber, Henry Isaac, M.S.
 Heineman, H. Newton, B.S., M.D., physician, 49 West 57th street.
 Jefferis, Charles Torbert, A.B., clerk.

Livingston, Solomon B., B.S., LL.B., lawyer, 52 Wall street.
 Lydecker, Charles E., B.S., LL.B., lawyer, 120 Broadway.
 *Muller, Edwin, B.S.
 Murray, Robert Alexander, B.S., M.D., physician, 235 West 23d street.
 Rosemon, Cornelius P., B.S., lawyer, 120 Broadway.
 Scott, William Seaman, A.B., assistant engineer, Colorado.
 *Smith, Francis Asbury, A.B.
 Smith, Herbert Edgar, A.B., manufacturer, Middletown, Conn.
 *Stein, Charles, A.B.
 Stern, Abraham, B.S., LL.B., lawyer 122 Bowery.
 Summerbell, Martyn, A.M., D.D., Union Christian Col., '89, Ph.D., N.Y.U., '89, clergyman, Lewiston, Me.
 Tully, Charles H., A.B., clerk, 118 East 19th street.
 *Wood, W. Spencer, A.B.
 Young, Daniel Kissam, B.S., merchant, 81 Wall street.
 Zemansky, Abm. Philip, B.S., M.D., physician.

1872.

Abarbanell, Jacob, A.B., B.S., LL.B., lawyer, 140 Nassau street.
 Banks, Sheppard, A.B., LL.B., lawyer, 51 Alexander avenue.
 Beach, Arthur, A.B., M.D., physician, 300 Sumner avenue, Brooklyn.
 Beach, Samuel Jackson, A.B., clergyman, Cedar Falls, Iowa.
 Birnbaum, Oscar, B.S., teacher, G. S. 49, East 37th street, near 2d avenue.
 Blish, George Henry, A.B., banking, 247 Broadway.
 *Cocks, David Clark, A.M., M.D.

* Deceased.

Comstock, Fr. Harmon, A.B., LL.B., lawyer, 34 Wall street.

Cooper, Harry Dodge, B.S., book-keeper, 304 Madison avenue.

Donald, James Mackie, B.S., banker, 11 Nassau street.

Falk, Benjamin Joseph, B.S., photographer, 949 Broadway.

Fruitnight, John Henry, A.M., M.D., B.H.M.C., '75, Member Am. Acad. Medicine, Member N. Y. Acad. Medicine, Member N.Y. Co. Medical Soc., 2d Vice-Pres't Alumni of B. H.M.C., physician, 161 West 57th street.

Frye, Jed, B.S., merchant, 47 Water street.

Greenbaum, Samuel, A.M., LL.B., lawyer, 170 Broadway.

Gulick, John Cowan, B.S., LL.B., lawyer, 191 Broadway.

Hochheimer, Emanuel, A.M., B.S., M.D., physician, 207 East 57th street.

Howe, William Burdge, B.S., merchant, 301 West 17th street.

Keck, Frank, B.S., LL.B., lawyer, 120 Broadway.

Lowenthal, Henry, A.M., LL.B., journalist, "N. Y. Times" office.

Malone, James Eugene, A.B., knit goods, 260 Church street.

McMaster, John Bach, A.M., C.E., professor, University of Pennsylvania, Phila., author of "History of the People of the United States."

Meeks, Hamilton Victor, A.B., lumber, 30 Vesey street.

Putzel, Leopold, A.B., B.S., M.D., physician, 252 East 48th street.

Ruston, William Otis, A.B., D.D., Lenox Col., '86, Pres. Bd. Trustees Lenox College, '88, Director German Pres. Theol. Sem. of Northwest, '90, clergyman, Dubuque, Iowa.

Salomon, David H., B.S., LL.B., lawyer, 338 Broadway.

Schermerhorn, John E., B.S., LL.B., lawyer, 62 Broadway.

*Shipley, Eddy, B.S.

Stoiber, Adolphus Henry, A.M., LL.B., lawyer, 1 Nassau street.

Strauss, Seligman J., A.M., B.S., lawyer, Wilkesbarre, Pa.

Thornell, Henry Lloyd, A.B., secretary, 49 Wall street.

Van Kleeck, Henry, A.M., B.S., LL.B., lawyer, Poncha Springs, Col.

Van Santvoord, Richard, A.B., M.D., B.H.M.C., '75, visiting phys. to Randall's Isl. Hosp., '81, Member N. Y. Acad. Medicine, Am. Acad. Medicine, N. Y. Co. Med. Soc., N. Y. Pathological Soc., physician, 106 West 122d street.

*Woodward, James L., A.B., LL.B.

1873.

Adler, Louis, B.S., LL.B., lawyer, 120 Broadway.

Bach, Albert, A.B., LL.B., lawyer, 140 Nassau street.

Battell, John Sherman, A.B., B.S., clerk, 119 Broadway.

Church, Wm. Sylvester, B.S., secretary, Port Chester, N. Y.

Clapp, K. Leffingwell, B.S., stock broker.

Colie, Edward Martin, A.B., lawyer, 776 Broad street, Newark, N. J.

Davison, David Henry, B.S., M.D., physician, 102 East 78th street, Mt. Sinai Hospital.

Fagnani, Charles P., A.B., B.S., LL.B., clergyman, Yonkers, N. Y.

Fisher, Charles Willis, B.S., teacher.

Friedberg, William B., B.S., LL.B., C. C., '77, Principal G. S. 10, 180 Wooster street.

Gregory, Christopher, A.B., superin-

* Deceased.

tendent schools, P. O., Long Branch City, N. J.

Huber, Francis, B.S., M.D., physician, 113 East Broadway.

Huss, George Martin, B.S., architect, 1285 Broadway.

Jarvis, Welcome Smith, A.B., lawyer, 50 Wall street.

*Jennings, E. Forest B., A.B., civil engineer.

Jones, L. Eugene, A.B., journalist, 330 Pearl street.

Kohn, Solomon, B.S., LL.B., Ph.B., lawyer, 181 Broadway.

Leipziger, Henry M., A.M., B.S., LL.B., Ph.D., C.C., Ass't Superintendent Schools, 146 Grand street and 36 Stuyvesant street.

Lewinson, Benno, M.S., LL.B., lawyer, 5 Beekman street.

Lyons, Fred. Augustus, A.M., M.D., physician, 136 East 49th street.

*Muhlfeld, Henry, A.B., M.D.

Muller, Herman J., A.B., B.S., merchant, 117 Chambers street.

*Murray, John, A.B., B.S., M.D.

Oppenheimer, Isaac, A.B., B.S., M.D., physician, 105½ East 55th street.

Rabock, Wenzel Albert, B.S., A.M., musician, 415 West 34th street.

Rullman, Louis Henry, B.S., civil engineer, 444 East 81st street.

Salomon, Abraham, B.S., LL.B., lawyer, 338 Broadway.

Schoening, Michael E. von, B.S.

Tift, Henry Neville, M.S., LL.B., lawyer, 36 Wall street.

Walther, John Augustus, B.S., M.D., physician, 212 East 123d street.

Wray, Edward Marshall, B.S., merchant, 16 Warren street.

1874.

Baker, George McC., A.B., LL.B. lawyer, 140 Nassau street.

Baumgarten, Maurice H., B.S., merchant, 16 Walker street.

Busche, Thomas W., A.B., M.D., surgeon, 108 Rivington street.

Carlin, Wayland, A.B., 212 West 25th street.

Cohen, Adolph, B.S., LL.B., lawyer, 319 Broadway.

Demarest, Walter, A.M., M.D., physician.

Dix, Warren R., A.M., LL.B., lawyer, 160 Broadway.

Eastman, Joseph, B.S., LL.B., 1 East 72d street.

Fromme, Isaac, A.B., LL.B., lawyer, 287 Broadway.

Goldbacher, Joseph, B.S., LL.B., lawyer, 229 Broadway.

Gutgsell, Eugene F. J., B.S., teacher, 869 Park avenue.

Gutweiler, Ernst, clergyman, Dutch Kills, L. I.

Ihlseng, Alexander O., B.S., C.E., E.M., chemist, 151 East 33d street.

Kahn, Samuel, B.S., M.D., physician, San Francisco, Cal.

Lachman, Samson, A.B., LL.B., judge, 154 Nassau street.

Lyons, Wallace F., A.B., Principal G. S. 91, 1931 Madison avenue.

Man, Henry H., A.B., LL.B., lawyer, 56 Wall street.

*McCreery, Charles A., A.B.

Meyer, Henry, M.S., LL.B., lawyer, 291 Broadway.

Reighley, Frederick G., A.B., clerk, 120 Broadway.

Richard, Charles, B.S., M.D., Capt. and Assistant Surgeon, U. S. A., N. Y. Shipping List, 59 William street.

Rodenbach, William T., B.S., secretary, Naugatuck, Conn.

Rush, Charles W., B.S., M.D., physician, U. S. Steamer "Marion."

* Deceased.

Shack. Ferdinand, A.M., M.S., LL.B., lawyer, 56 Wall street.
 Sickles, Ivin, M.S., M.D., Tutor and Ass't Prof. Chem. and Physics, Medical Department, N. Y. U., author of "Exercises in Wood-working," 17 Lexington avenue.
 Stoddard, William, A.B., LL.B., lawyer.
 *Swart, Merton G., A.B., LL.B.
 Sweezy, Richard L., A.B., lawyer, 31 Nassau street.
 Underwood, William J., Jr., M.S., LL.B., lawyer, 170 Broadway.
 Van Pelt, Daniel, A.M., B.S., clergyman, East New York, N. Y.
 Weeks, Thomas W., A.B., treasurer, 10 Warren street.
 Williams, Richard P., B.S., merchant, 1 William street.
 Wilson, Franklin S., A.B., laundry, Brooklyn.

1875.

Alexander, Peter, B.S., LL.B., lawyer, 234 Broadway.
 Black, John V., A.B., lithographer, 92 William street.
 Burk, Howard R., B.S., Oils, 7 Platt street.
 Crawford, Hanford, B.S., dry goods, 801 Broadway.
 Cristy, Albert B., A.M., clergyman, Hudson, Ohio.
 Fisher, Edward D., A.B., M.D., physician, 6 West 39th street.
 Frey, George, B.S., clerk.
 Goldsmith, Abm., A.B., LL.B., lawyer, 154 Nassau street.
 Greene, William F., A.B., M.D., physician.
 Harper, James T., A.B., publisher, Franklin Square.
 Jenkins, Henry E., B.S., LL.B., teacher, Bronxville, N. Y.

Kahrs, Henry, B.S., printer, 500 Third avenue.
 Larremore, Wilbur, A.B., LL.B., C. C., '77, lawyer, 55 Liberty street.
 Levy, Henry, A.B., M.D., physician, 150 East 56th street.
 Mahony, Daniel P. H., B.S., LL.B., lawyer, 132 Nassau street.
 McAdam, George H., A.B., lawyer, 171 Broadway.
 McCreery, James C., A.B., merchant, 805 Broadway.
 McNary, Spencer G., A.B., LL.B., lawyer, 2 Tryon row.
 Mossiter, George N., B.S., LL.B., lawyer, 55 Broadway.
 *Purdy, Roe, A. B.
 Putzel, Gibson, A.B., LL.B., lawyer, 320 Broadway.
 Sahlinger, Israel, B.S., cashier, Helena, Mont.
 Spencer, Nelson Stanley, A.B., lawyer, 31 Nassau street.
 Steneck, John R., A.B., iron manufacturer, 107 Chambers street.
 Townsend, Curtis McD., A.B., lieutenant, U. S. A., 34 West 45th
 Tuthill, William B., A.M., architect, 52 Broadway.
 Ullman, Joseph, A.M., LL.B., lawyer, 145 Nassau street.
 Weil, Isaac, B.S., M.D., physician, 244 West 51st street.
 Werner, Louis, B.S., LL.B., lawyer, 181 Broadway.
 Witherstine, C. S., M.S., M.D., physician, 4603 Germantown avenue, Germantown, Pa.
 Wolf, Simpson, A.M., LL.B., lawyer, 154 Nassau street.

1876.

*Altmayer, Samson O., A.B.
 Baldwin, Arthur P., A.B., teacher, 57 East 125th street.

* Deceased.

*Blauvelt, Henry C., A.B., M.D.
 Clearwater, Charles Knapp, B.S.,
 clergyman, Mount Vernon, N. Y.
 Davis, Vernon M., A.M., LL.B., C.C.,
 '79, Assistant District Attorney,
 lawyer, 71 Broadway.
 D'Utassy, Leo L., B.S., railroad, 144
 East 36th street.
 Frambach, Frederick, Jr., A.B., law-
 yer, Union Hill, N. J.
 Frank, Herman, A.B., LL.B., lawyer,
 291 Broadway.
 Goodfriend, Simon, B.S.,
 Henderson, Edward C., B.S., LL.B.,
 lawyer, 52 Wall street.
 Henry, Charles I., A.B., merchant,
 48 Exchange place.
 Hollerith, George C., B.S., civil engi-
 neer, 130 East 93d street.
 Honig, Joseph, A.B., insurance, 170
 Broadway.
 *Hopper, John W., A.B., M.D.
 Husted, Singleton, A.B., M.D., physi-
 cian.
 Kay, Wm. A., B.S., journalist, 292
 11th street, South Brooklyn.
 Kenyon, William H., A.M., LL.B.,
 lawyer, 32 Park place.
 Klein, Philip H., Jr., A.B., book-
 keeper, 132 Avenue C.
 Kraus, Max W., B.S., merchant, 657
 Broadway.
 *Lauterbach, Henry, B.S., LL.B.
 *McGowan, James Joseph, B.S.
 Mahler, Louis, A.B., clerk, 505 Sixth
 avenue.
 Maves, Fernando, A.B.
 Mead, William Herbert, B.S., clerk,
 2108 Madison avenue.
 Merckle, Henry, A.B., LL.B., lawyer,
 149 Broadway.
 Minrath, Ferdinand R., A.B., LL.B.,
 lawyer, 120 Broadway.
 Ormsby, Waterman L., B.S., stenog-
 rapher, 382 Pearl street, Brooklyn.

Palmer, Benjamin W., A.M., M.D.,
 physician.
 Park, Rufus H., B.S., clerk.
 Powell, William A., A.B., clergyman,
 Newark, Ohio.
 Putzel, Charles, A.B., LL.B., lawyer,
 140 Nassau street.
 Rafel, Henry S., A.B., LL.B., law-
 yer, 106 West 47th street.
 Ramsdell, Edwin B., A.B., M.D.,
 physician, 581 Lexington avenue.
 Rapp, Maurice, A.B., LL.B., lawyer,
 167 Broadway.
 Rhodes, John C., B.S., LL.B., law-
 yer, 156 Broadway.
 Rothschild, Marks, B.S., manufact-
 urer, 107 Duane street.
 Smyth, George B., A.B., B.D., Drew
 Theol. Sem., '80, president Anglo-
 Chinese College, Foochow, China.
 Stine, Marcus, B.S., Ph.D., LL.B.,
 lawyer, 7 Beekman street.
 Strouse, Edward, A.B., LL.B., malt-
 ster, 11 East 49th street.
 Townsend, Frederick M., B.S., M.D.,
 physician, 108th street and 12th
 avenue.
 Ullman, Nathan, A.B., crayon artist,
 239 East 50th street.
 Vogel, Henry W., B.S., civil engi-
 neer, Fordham, N. Y.
 West, Albert F., B.S., LL.B., lawyer,
 132 Nassau street.
 Wheaton, Joseph S., B.S., manager,
 395 Lexington avenue.

1877.

Barratt, John Arthur, A.M., LL.B.,
 C.C., '80, lawyer, 59 Liberty street.
 Birkins, Ernest Reeve, A.M., M.D.,
 N.Y.U., '83, teacher and physician,
 221 West 131st street.
 Brill, Nathan E., A.M., M.D., physi-
 cian, 662 Lexington avenue.

* Deceased.

- Bunzl, Victor, B.S., tobacco, 126 Water street.
- Burchard, Lewis Sayre, A.B., LL.B., lawyer, Temple Court.
- Carvalho, Solomon Solis, A.B., journalist, 24 East 131st street.
- *Clark, Edward Adoniram, A.B.
- Clarkson, John Van Boskerck, A.B., real estate, 39 Broadway.
- Davidson, William Cyrus, A.B., LL.B., lawyer, 280 Broadway.
- Dowd, Joseph, B.S., merchant, 30 West 52d street.
- Euring, George Anthony, B.S., LL.B., lawyer, 123 Second street.
- Gilbert, Frank Henry, A.B., manufacturer, 346 Broadway.
- Hauff, William Charles, A.B., LL.B., lawyer, 140 Nassau street.
- Hayes, Richard Jerome, B.S.
- Henry, Howard Herrick, A.B., 214 Broadway.
- Hoag, Sidney Willet, B.S., civil engineer, 128 East 115th street.
- Huber, Emil Andrew, A.B., musician, Steinway Hall.
- Hunt, Leigh Harrison, M.S., M.D., tutor and physician, 17 Lexington avenue.
- Hunter, David M., A.B., clergyman, Salem, Washington Co., N. Y.
- Loth, Bernard, B.S., LL.B., silk manufacturer, 523 West 45th street.
- Luby, James Patrick Kenyon, A.B., journalist, 430 East 58th street.
- Mack, Hugo S., B.S., LL.B., lawyer, 7 Beekman street.
- Man, Alrick Hubbell, A.B., LL.B., lawyer, 56 Wall street.
- Marx, Louis S., B.S., LL.B., lawyer, 167 Broadway.
- McCutcheon, Robert H., B.S., civil engineer, 217 West 132d street.
- Moore, Eugene Patrick, A.B., Custom House, 325 East 12th street.
- Moritz, Charles F., A.B., merchant, Montgomery, Ala.
- Nehrbas, Jacob, B.S., M.D., physician, 563 Myrtle avenue, Brooklyn.
- *Neumer, Emil, B.S., M.D.
- Protheroe, Charles Coffin, B.S., LL.B., lawyer, 56 Wall street.
- *Ranney, Walter Lafayette, A.B., M.D.
- Rau, Henry Marcellus, A.B., Ph.D., chemist, Hanover, Pa.
- Romaine, De Witt Clinton, B.S., M.D., physician, 473 Hudson st.
- Shepard, Charles Seymour, A.B., clerk, 296 Broadway.
- Shipman, William Henry, A.M., clergyman, Coin, Iowa.
- Silverstone, Julius, B.S., teacher.
- *Smith, James Albert, A.B.
- Sommers, Louis, B.S., LL.B., teacher, 2 Prospect place.
- Starr, William Hoffmire, B.S., engineer, 235 West 11th street.
- Stearns, Kent K., A.B., insurance, 1178 Elizabeth ave., Elizabeth, N. J.
- Tift, Irving Howard, B.S., LL.B., lawyer, 271 Broadway.
- Tuthill, George A., B.S., cashier.
- Weed, Edgar T., A.B., M.D., physician, 128 West 130th street.
- White, William Storm, B.S., M.D., physician, 413 West 23d street.
- Wilkie, William James, A.M., clergyman and teacher, St. John's School, Manlius, N. Y.
- Williams, George Nelson, A.B., LL.B., merchant, Avenue A and 68th street.
- Wilson, Charles Howard, A.B., teacher, Newton Centre, Mass.

1878.

- *Ansbacher, Maurice Eger, A.B.
- Ascher, Leopold, A.B., LL.B., lawyer.
- Berg, Henry W., A.B., M.D., P. & S.,

* Deceased.

- '81, Member N. Y. Acad. Medicine, physician, 245 Seventh street.
- Bernstein, Alexander, A.B., LL.B., lawyer.
- Boehme, Herman Christopher, A.B., teacher, 1958 Madison avenue.
- *Borland, Henry Weller, A.B., LL.B.
- Campbell, William John, A.B., LL.B., lawyer, 120 Broadway.
- Carey, Robert Edward, B.S., 334 West 55th street.
- Cohen, Eugene Yancey, A.B., merchant, 115 Pearl street.
- Cook, Peter W., Jr., B.S., LL.B., lawyer, 320 Broadway.
- De Jonge, John Christian, B.S., clerk, 100 Avenue B.
- Devlin, Robert John, B.S., M.D., physician, 156 West 13th street.
- Dobbie, Thomas William, B.S., 544 West 43d street.
- Doring, John Frederick, A.B., G.Ph., pharmacist.
- Fischel, Eugene, B.S., LL.B., lawyer, 7 Beekman street.
- Fisher, Henry, A.B., manufacturer, 896 Third avenue.
- *Fruitnigt, William, A.B., M.D.
- Gilon, William Joseph, B.S.
- Gottlieb, Nathaniel I., B.S.
- Gottshall, Edward, A.B., 102 Lewis street.
- Greenebaum, Emil, B.S., bookkeeper, 232 Montgomery street, San Francisco.
- Gross, Magnus, Jr., B.S., teacher, 541 East 86th street.
- Hardy, George Edward, A.M., principal, 353 West 28th street.
- Hooper, Benjamin Franklin, B.S., merchant, 63 Centre street.
- Hotaling, George Preston, A.B., lawyer, 36 Wall street.
- Jaretzki, Alfred, A.M., lawyer, 45 Wall street.
- Kenyon, Alan Douglas, A.B., LL.B., C.C., lawyer, 280 Broadway.
- Koplik, Henry, A.B., M.D., physician, 251 East 32d street.
- Krotel, Paul, A.B., LL.B., lawyer, 20 Nassau street.
- *Leggat, Walter Romaine, A.B., LL.B., C.C.
- Leubuscher, Frederick Cyrus, A.B., lawyer, 145 Nassau street.
- Lewinson, Samuel, B.S., merchant, care F. Auerbach, Salt Lake City, Utah.
- *Maas, David Anderson, A.B.
- Manne, Henry, B.S., LL.B., lawyer, 203 Montague street, Brooklyn.
- Manners, Edward Clarence, A.B., lawyer, 575 Monroe street, Brooklyn.
- Meyer, Julian Herrman, B.S., traveler, 353 West 11th street.
- Morgenthau, Julius C., A.B., banker, Bridgeport, Ala.
- Nordlinger, Abraham, A.B., LL.B., lawyer, 167 Broadway.
- O'Reilly, Philip Francis, B.S., student, medicine.
- Pabst, William, B.S., clerk, 136 East 43d street.
- Pitkin, Lucius, A.B., Ph.B., chemist, 434 Madison avenue.
- Shumway, Albert, Jr., A.B., merchant, 353 West 56th street.
- Smith, Daniel, Jr., A.B., M.D., physician, 351 East 86th street.
- Smith, William Wickham, B.S., LL.B., lawyer, Post Office Building.
- Stitt, James Alexander, A.B., lawyer, 8 Pine street.
- Weiss, Julius, A.B., M.D., physician.
- Williams, Francis Smith, B.S., A.B., real estate, 70 Broadway.
- Wood, John Walter, A.M., M.D., physician, Mariner's Harbor, S. I.

* Deceased.

1879.

- Casper, Henry, A.B., student, medicine, 230 East Broadway.
- Chambers, John F., A.B., LL.B., lawyer, 55 Liberty street.
- Cohn, Felix, A.B., physician, 123 East 59th street.
- Dahl, Charles, B.S., LL.B., merchant, 523 Fifth street.
- *Dietz, William Daniel, B.S., M.D.
- Dinkelspiel, Leo, A.B., M.D., physician, 104 West 87th street.
- *Dougall, Robert Austin, B.S.
- Dudensing, Richard, Jr., A.B., LL.B., lawyer, 173 Broadway.
- Erschine, Charles Wesley, A.B., silk manufacturer, 128 East 80th street and 1 East 86th street.
- Francis, Howard James, A.B., bookkeeper, U. S. National Bank.
- Fribourg, Theo. Louis Henry, B.S., student.
- Fripp, Joseph Aloysius, A.B., teacher, 55 Division street.
- Gerstle, Edward Gustavus, A.B., diamonds, 24 Maiden lane.
- Gray, Joseph Francis, B.S., M.D., physician, 314 West 31st street.
- Guilfooy, William Henry, B.S., M.D., physician, 102 Water street.
- Herman, Henry, A.B., M.D., physician, 589 Lexington avenue.
- Herrmann, David Uriah, B.S., broker, 80 Broadway.
- *King, James Foster, A.B.
- Korn, Max Saloshinsky, A.B., LL.B., C.C., '81, lawyer, 261 Broadway and 138 East 47th street.
- *Leary, Cornelius John, B.S.
- Legras, Gustave, B.S., tutor, 44 East 79th street.
- Levy, Nathan Max, B.S., journalist, 115 East 111th street.
- Mathews, Frederick, B.S., M.D., physician, 114 Avenue C.
- McFarland, John Francis, B.S., LL.B., C.C., '87, lawyer, 186 Remsen street, Brooklyn.
- McWilliam, John Smith, A.B., LL.B., lawyer, 71 Broadway.
- Merington, Richard W. E., A.B., teacher, 141st street and Grand Boulevard.
- Miller, Henry F., A.M., LL.B., lawyer, 336 East 41st street.
- Mischlich, Adolph R., B.S., teacher, 215 Seventh street.
- *Mulford, William A. F. P., A.B.
- Murgatroyd, Edwin Robert, A.M., clergyman.
- Perkins, George W., A.B., LL.B., lawyer, 55 Liberty street.
- Perrin, Ernest Noel, A.B., LL.B., C.C., '85, tutor, 138 West 129th st.
- Pollitzer, Sigismund, A.M., M.D., physician, 21 West 52d street.
- Powers, Fred. Alden, B.S., manager, 42 Market street, Sydney, N. S. W.
- Price, Lewis, B.S., M.D., physician.
- Roth, Julius August, A.B., M.D., physician, 308 East 79th street.
- Schachtel, Michael, Jr., B.S., real estate, 153 West 16th street.
- Schutz, Bernard, B.S.
- Scheur, Ralph, A.B., merchant, 147 East 61st street.
- Scott, John Frederick, A.B., clergyman, South Bethlehem, Penna.
- Shumway, Willard A., E.M., A.M., merchant, 351 West 56th street.
- Spillinger, Jacob, B.S., M.D., physician, 125 Suffolk street.
- Stoddart, Allen Montgomery, A.B., lawyer, 95 Fourth st., B'klyn, E. D.
- Struse, Otto Frederick, B.S., LL.B., lawyer, 64 Grand street, Brooklyn, 35 Broadway.
- Turner, William Lemmon, A.B., LL.B., C.C., '81, lawyer, 244 East 86th street.

* Deceased.

Van Dyck, Alexander Scott, A.B., clergyman, 24 India street, Greenpoint, L. I.
 Weeks, Bartow Sumter, A.B., LL.B., C.C., '83, Assistant District Attorney, lawyer, 10 Wall street.
 Weiss, George Conrad, A.B., M.D., physician, Mount Vernon, N. Y.
 Wittmack, Charles August, M.S., Ph.D., chemist, 98 Wall street.
 Youry, William Henry, A. B.

1880.

Berle, Adolph William, B.S., M.D., physician, 120 Seventh street.
 Bohmfalk, Charles W., B.S., M.D., physician, 231 East 55th street.
 Breakall, William Thomas, B.S., civil engineer, 366 West 18th street.
 Burchard, Roswell B., A.B., 24 West 40th street.
 Calkins, Fred. H., A.B., 147 West 49th street.
 Carroll, Thomas Michael Joseph, B.S.
 Carter, Henry Clinton, B.S., LL.B., lawyer, Waialua (Oahu) Hawaiian Islands.
 Clarke, R. Floyd, A.B., LL.B., lawyer, 143 East 58th street.
 Cowen, William, A.B., M.D., physician.
 Davis, George Herbert, B.S., assistant superintendent, 146 Grand street.
 Doubleday, Edwin Snow, B.S., merchant, 159 Front street.
 Eaton, Alfred, A.B., Custom House, 206 West 39th street.
 Engelsman, Gabriel, A.B., Ph.D., 225 East 128th street.
 Foggin, Edward, 129 East 83d street.
 Frankenberg, Jacob Henry, B.S., M.D., physician, 142 East 74th street.
 Gross, Anthony, A.B., clerk, 22 Rutgers street.
 Gutsell, William T., B.S., clerk.
 Harris, Alexander Henry, A.B., hat and cap factory, 270 McDonough street, Brooklyn.
 Harris, Moses J., B.S., lawyer, 191 Smith street, Brooklyn.
 Honigman, J. Leo, A.B., clerk, 40 Lispenard street.
 Hume, John Charlick, B.S., engineer, Long Island City.
 Johnson, Albert Edward, A.B., clerk, Mott avenue, near 150th street.
 Keim, George H., A.B., manufacturer, 1384 Lexington avenue.
 Kost, Henry G., B.S., tutor, 164 East 63d street.
 Lesser, Maximus A., A.M., LL.B., lawyer, 123 Garden street, Hoboken, N. J.
 Levy, Charles Emanuel, B.S., lawyer, 194 Gravier street, New Orleans.
 Leyendecker, Philip T., Jr., A.B., student medicine, 114 First street.
 Ludlow, Ogden Curtis, M.S., M.D., N.Y.U., '83, physician, 210 West 135th street.
 Mack, Harry W., A.M., LL.B., lawyer, 325 West 58th street.
 Mahon, James Fitus, B.S., 129 East 82d street.
 Mahon, Robert Joseph, B.S., lawyer, 108 West 45th street.
 Martin, August Lewis, B.S., LL.B., lawyer, 30 Broad street.
 Mestre, Alfred, B.S., LL.B., C.C., '82, lawyer, Mamaroneck, N. Y.
 Mowbray, William Eager, B.S., builder, 104 East 85th street.
 Mulqueen, Joseph Francis, A.M., LL.B., C.C., '84, lawyer, 51 Henry street.
 Noble, Henry George S., A.B., broker, 2 West 16th street.
 Nordlinger, Edwin H., A.B., clerk, 235 West 52d street.
 Powell, Frederick, A.B., M.E., mining engineer, Central City, Col.
 Price, David, B.S.

Rice, Edwin Thomas, Jr., A.B., LL.B., lawyer, 41 West 124th street.
 Sexton, James William, B.S.
 Shethar, Edwin Hall, B.S., merchant, 548 Broadway.
 Smith, Charles William, B.S., engineer, 9 Chambers street.
 Steckler, Louis, B.S., LL.B., lawyer, 120 Broadway.
 Stein, Richard, A.B., student medicine, Wurzburg, Germany.
 Straubenmueller, Gustave, A.B., teacher, 320 Sixth street.
 Torek, Francis John Albert, A.M., M.D., P. & S., '87, assistant Vanderbilt clinic, physician and instructor diseases of children, post graduate Med. Col., 164 East 79th street.
 *Torek, Paul C. J., A.B.
 Tucker, Frank, B.S., clerk, 228 East 123d street.
 Wolf, Henry J., A.B., M.D., physician.

1881.

Aaron, Herman, B.S., LL.B., C.C., '83, lawyer, 38 Park row.
 Bacon, Frederick Albert, A.B., clerk, 172 Alexander avenue.
 Baumeister, John, M.S., clergyman, College Point, L. I.
 Beran, Theodore, A.B., clerk, 560 Lexington avenue.
 Bittiner, Edmund, A.B., 209 West 32d street.
 Boas, Edmund A., A.B., 208 State street, Chicago, Ill.
 Brothers, Abram, B.S., M.D., P. & S., '84, physician, 162 Madison street.
 Budd, Ogden Doremus, A.B., Custom House, 264 Lexington avenue.
 Carroll, Edward P., B.S.
 Casper, Mark, A.B., teacher, 230 East Broadway.

Einhorn, Daniel, A.B., lawyer.
 Esberg, Moses, A.B., LL.B., lawyer, 115 Columbia street.
 Ettinger, Leo., A.B., M.D., P. & S., '84, physician, 132 East 124th street.
 Freedman, Edwin Jackson, A.B., LL.B., C.C., '83, lawyer, Tryon row.
 Giles, William Warren, A.B., clergyman, 358 West 19th street.
 Gross, Louis N., B.S., mining engineer, 38 East 58th street.
 Haas, George, B.S., lawyer, 128 East 4th street.
 Happy, Frederick Albert, B.S., clerk, 113 West 56th street.
 Hunt, Frederick George, A.B., LL.B., C.C., '83, lawyer.
 Hyde, James W., A.B., LL.B., C. C., '83, lawyer, 59 Liberty street.
 Kakeles, Moses, B.S., M.D., P. & S., '84, physician, 243 East 49th street.
 Kenyon, Robert Nelson, A.B., lawyer, 301 West 55th street.
 Lichtenstein, Julius, A.B., M.D., physician, 327 East 119th street.
 Lockwood, George Roe, Jr., A.B., M.D., P. & S., '84, physician, 30 East 35th street.
 Lunn, Richard Brook, B.S., 632 Eighth avenue.
 McAdie, Alexander George, A.M., Harvard, '85, Fellow Clark University, '89-90, Blue Hill meteorological observatory, Readville, Mass.
 McCormick, John, A.B., LL.B., C. C., '83, lawyer, 355 Broome street.
 McKinney, Alexander Harris, A.M., Ph.D., N.Y.U., '91, clergyman, 143 Second avenue.
 McNulty, John J., B.S., tutor, 144 East 47th street.
 Martin, Daniel Hoffman, A.B., clergyman.

* Deceased.

Mayer, William Edwin Cox, A.B., clerk, 426 East 66th street.
 Mestre, Aurelius E., B.S., sugar manufacturer, Havana, Cuba.
 Nammack, William H., A.B., M.D., N.Y.U., teacher, 116 Henry street.
 Newton, William A., B.S., bank clerk, Tenth avenue, bet. 158th and 159th streets.
 Olcott, W. Morrow Knox, A.M., LL.B., C.C., '83, lawyer, 156 Broadway.
 O'Reilly, John Joseph, A.B., teacher, 2080 Madison avenue.
 Perkins, Frank Kendall, B.S., M.D., physician, 356 West 14th street.
 Piddian, Asher L., A.B., broker, 223 South 4th street, Brooklyn.
 Popper, Edwin S., B.S., clerk, 67 East 112th street.
 *Riedemann, George, B.S.
 Roeser, Frederick, B.S., E.M., C.C., '84, chemist, 254 West 32d street
 *Schroeder, Herman, B.S.
 Stitt, Edward Walmsley, B.S., teacher, 230 West 104th street.
 Ulmann, Albert, B.S., publisher, 41 Maiden lane.
 Weinmann, Moses, A.B., lawyer, 130 East 82d street.
 Wells, Edmund Bulkley, B.S., student of architecture, 1067 Madison avenue.
 *Worms, Adolph, A.B.

1882.

*Aron, Louis Edgar, B.S.
 Bonynge, Robert William, A.M., LL.B., C.C. '85, lawyer, 320 East 124th street.
 Brown, Henry Everit, A.B., student at law, 140 West 11th street.
 Byrnes, Lawrence J., B.S., clerk.
 Churchill, Thomas William, A.B., Custom House, 41 Oliver street.

Clark, Edwin F., A.B., merchant, 183 Forsyth street.
 Condon, John Francis, A.B., teacher, 882 East 169th street.
 Corey, Henry B., A.B., LL.B., C. C., '84, lawyer, 314 Broadway.
 Cronson, Reuben, A.B., teacher, 317 East 119th street.
 Dusenbury, Edwin Coles, A.M., White Plains, N. Y.
 Faulkner, Henry Charles, A.B., editor, 853 Broadway.
 Fribourg, Arnold L., B.S., lawyer, 323 East 58th street.
 Friedrichs, Rudolph Victor, B.S., LL.B., C. C., '85, lawyer, 68 West 131st street.
 Goldsticker, William, A.B., 236 East 68th street.
 Goodwin, Fred'k van Bebber, A.B., LL.B., C. C., '85, lawyer, rooms 163 to 165 Temple Court, 3-9 Beekman street.
 Hayman, Morris Henry, B.S., student at law, 209 East 21st street.
 Howell, John Sands, B.S., 336 West 19th street.
 Ilgen, Ernest, A.B., tutor, 369 Herkimer street, Brooklyn.
 Jacobs, Abraham, A.B., merchant, 159 East 93d street.
 Kempner, Elias, B.S., 246 East 53d street.
 Kieran, James Michael, A.B., teacher, 121 East 120th street.
 Kleine, George, A.B., Custom House, 274 Eighth avenue.
 *Leckerling, William, Jr., A.B.
 Leman, Francis Frederick, A.B., student at law, 300 North 4th street, St. Louis, Mo.
 McDowell, George W., A.M., M.D., physician, 151 West 130th street.
 Mueller, Fred. G., A.B., clerk, 142 East Houston street.

* Deceased.

Muller, Walter, B.S., clerk, 125 Mercer street, Jersey City.
 Murray, Robert M., A.B., grain, 222 West 20th street.
 Nehrbas, John, B.S., teacher, G. S. 79, 42 First street.
 O'Neill, Oscar T., A.B.
 *Oudin, Felix A., A.B.
 Pfeiffer, Felix, A.B., student of medicine, 235 East 10th street.
 Prochazka, John, A.B., chemist, 15 East 12th street.
 Rachau, William H., B.S., clerk, 280 Broadway.
 Ritterbusch, Hugo Henry, A.B., instructor, 729 Ninth avenue.
 Schubart, Louis H., B.S., Ph.D., Univ. Berlin, '89, Memb. Chem. Soc., Berlin, Fellow Chem. Soc., London, chemist.
 See, George N., B.S.
 Shulman, Alexander, A.B., M.D., physician, 319 East 10th street.
 Sims, Alfred F., B.S., 122 Roosevelt street.
 Sims, Edmund Joseph, B.S.
 *Sinclair, James Drummond, A.B.
 Stein, Julius, A.B., M.D., physician, 273 East 7th street.
 Tynberg, Sigmund, A.B., M.D., physician, 321 East 42d street and Charity Hospital.
 Watson, William Scott, Jr., A.M., student of theology, Post-office Box 505, Princeton, N. J.

1883.

Balken, William S., M.D., A.M., physician, 386 East 18th street.
 Barnett, Solomon, B.S., M.D., physician, 319 Eighth avenue.
 Brown, Ronald Ketchum, A.B., LL.B., C.C., '85, lawyer, 2004 Fifth avenue.

Brush, Louis T., B.S., clerk, 33 8th street, Brooklyn.
 Bittenwieser, Joseph Leon, A.B., 305 East 57th street.
 Cabaret, Luther Origène, A.B., teacher, 191 East 76th street.
 Christodoro, Arthur, B.S., 442 West 22d street.
 *Delaney, George M., B.S.
 Falk, Isaac Newton, A.B., LL.B., C. C., '85, lawyer, 347 East 14th street.
 Felter, William Landon, A.B., principal, 366 Hancock street, Brooklyn.
 Früauf, John Lewis, A.B., LL.B., C. C., '85, teacher, 621 Lexington avenue.
 Gibb, William Travers, B.S., M.D., physician, 135 East 42d street.
 Gill, Joseph, A.B., 161 East 114th street.
 Ginsburger, Emil, B.S., architecture, 1616 Avenue A.
 Gordon, William, A.B., M.D., P. & S., '86, physician, 353 West 42d street.
 Hanley, James Arthur, A.B., teacher, Register's office.
 Hanaway, Samuel, B.S., teacher, G. S. 64, Fordham.
 Herring, Charles Edward, A.B., 339 Bowery.
 Jarecky, Herman, A.B., M.D., physician, 2327 Third avenue.
 Lane, J. Albert, A.B., lawyer, 207 West 43d street.
 Mack, Walter S., B.S., clerk, 325 West 58th street.
 Mettler, Lee Harrison, A.M., M.D., physician, 1938 North Broad street, Philadelphia.
 Minrath, Robert, A.B., 130 East 18th street.
 Mosenthal, Philip James, M.S., insurance, 51 Cedar street.

* Deceased.

Mott, Lewis Freeman, M.S., tutor,
367 West 19th street.

Park, William H., A.B., M.D., P. &
S., '86, physician, 164 West 11th
street.

Paulman, Frederick Henry, B.S.,
Custom House, Mt. Vernon, N. Y.

Pope, George C., A.B., M.D., physi-
cian, Park avenue and 81st street.

Powell, H. Wheeler, B.S., tutor, 114
West 123d street.

Purdy, Theodore Martindale, B.S.,
merchant, 304 Madison avenue.

Rauch, David L., B.S., teacher, 257
East 48th street.

Rosenstock, Samuel, B.S., student
of pharmacy, 191 First avenue.

Sanders, Frederick William, A.B.,
lawyer.

Schaettler, George, A.B., LL.B., C.
C., '85, manufacturer, 116 West
121st street.

Schüllinger, Otto, A.B., student at
law, 238 East 58th street.

Schwerd, Max J., M.S. M.D., P. &
S., '86, physician, 58 East 112th
street.

Stark, Henry Solomon, A.M., M.D.,
P. & S., '86, physician, 270 East 7th
street.

Traub, John Emil, A.B., M.D., phy-
sician, 415 West 38th street.

Van Doren, Louis Otis, A.B., law-
yer, 120 Broadway.

Van Vliet, Purdy, A.B., lawyer, 55
Liberty street.

Wade, Joseph Henry, A M., St. F.
X., '84, teacher, G. S. 1, 1735 Mad-
ison avenue.

Wels, Paul O., B.S., student engi-
neering, 110 East 112th street.

*Wolfertz, Charles William, M.S.,
M.D.

Zwinge, William P., A.B., Custom
House, 39 First avenue.

1884.

Barney, Lewis W., M. A., N. Y. U.,
'91, clergyman, 438 Lexington
avenue.

Bischof, George J., B.S., student of
engineering, 611 East 9th street.

Bliss, Henry Eugene, B.S., 374
8th street.

Burnett, Benjamin Adams, A. B., 622
East 142d street.

Byrne, Edward A., B.S.

Carls, Gustave A., B.S.

Coakley, Cornelius G., M.D., A.M.,
N. Y. U., physician, 126 East 45th
street.

Cronson, Bernard, A.B., teacher, 317
East 119th street.

Darling, Joseph Francis, A.B.,
teacher, G. S. 1, 30 Vandewater
street.

Delanoy, Edwin P., B.S., clerk, 1
Nassau street.

Erlandsen, Oscar, B.S., assistant
chief engineer, Dutchess Co.
R. R., Poughkeepsie, N. Y.

Fuchs, William, B.S., teacher, Win-
field, L. I.

Greene, William Hallett, A. B., sig-
nal service.

Hahlo, Louis Herbert, A.B., LL.B.,
C. C., '86, lawyer, 19 East 53d
street.

Holmes, James Edward, A.B., stu-
dent of theology, 165th street and
Washington avenue.

Hopkins, Milton, A.B., lawyer, Glen
Cove, L. I.

Kohns, Lee, B.S., porcelain, 42 War-
ren street.

Ladinski, Louis Julius, A.B., M.D.,
P. & S., 87, physician, Mt. Sinai
Hospital.

Lane, James Warren, B.S., clerk,
131 East 21st street.

* Deceased.

Lichtenstein, Solomon Katten, A.B., L.L.B., C. C., '87, lawyer, 52 Exchange place.

Lindheimer, Julius Jacob, A. B., 247 East 33d street.

Manges, Morris, A.M., M.D., physician, 180 East 75th street.

Martin, Daniel Francis, A.B., LL.B., C.C., '87, Member of Assembly, '91, lawyer, 332 East 37th street.

Marvin, David Meekes, A.M., M.D., P. & S., '87, physician, 2099 Fifth avenue.

Marx, Moses, A.B., 305 East 56th street.

Mason, Frank Gillette, A.B., clerk, Boston avenue, near 165th street.

Maury, Rutson, B.S., M.D., physician, 41 East 28th street.

Mayer, Julius Marshall, A.B., LL.B., C.C., '86, lawyer, 2136 Seventh ave.

Menken, Percival Solomon, A.M., Ph.D., C.C., '90, C. C., '91, broker, 140 Nassau street.

Miskowsky, Louis F., B.S., student of medicine, 307 East 53d street.

Murray, Charles, B.S., clerk, 5 Wall street.

Pedersen, James, B.S., student of medicine, 327 West 34th street.

Penman, John Simpson, A.B., student of theology, George street and Tinton avenue.

Pfeiffer, David, A.B., clerk, 235 East 10th street.

Reed, William Henry, A.B.

Roeder, Benjamin Franklin, B.S., dramatic student, 96 Avenue C.

Rupp, August, A.B., tutor, 961 Third avenue.

Scripture, Edward Wheeler, A.M., Ph.D., Univ. Leipzig, '90, Fellow Clark University, teacher, 308 West 29th street.

Smith, Theodore Eugene, Jr., A.B., LL.B., C.C., '86, lawyer, 100 West 89th street.

Todd, Edward Farnham, A.B., 225 West 52d street.

Tuska, Samuel Adolph, A.B., 223 East 18th street.

Van Winkle, Jacob Outwater, A.B., M.D., P. & S., '87, physician, Hackensack, N. J.

Vosburgh, Myna Allison, A.B., 205 West 123d street.

Zeh, Adolph, A.B., M.D., P. & S., '87, physician, 357 West 44th street.

1885.

Aaron, Isaac, B.S., care of H. Aaron, 38 Park row.

Abrams, Alexander, A.B., student of medicine, 274 Seventh avenue.

Adair, Walter Jollie, A.B., clerk, 159 Joralemon street, Brooklyn.

Bach, Louis Philip, B.S., pianos, 240 East 27th street.

Barnett, Maurice, B.S., student of chemistry, 150 East 60th street.

Decker, William Frederick, B.S., clerk, 154 West 45th street.

Devoe, Franklin Minturn, Jr., B.S., merchant, 176 Franklin street, Brooklyn, E. D.

Fitch, George Walter, B.S., teacher, 124 West 42d street.

Fromme, Abraham L., A.B., lawyer, 331 Sixth street.

Hastie, James L., Jr., A.B., student of theology, 336 East 30th street.

Hicks, Louis, A.M., student, 209 West 14th street.

Hildreth, Percy Stearns, B.S., civil engineer, 25 Madison avenue.

Hoffman, Benjamin Byron, A.B., student.

Hofmann, Ferdinand Florenz, B.S., 305 East 52d street.

Kaminski, Edward Vladimir, A.B., student, 779 Lexington avenue.

McAuliffe, George B., A.B., student of medicine, 759 Second avenue.
 McCreery, Forbes Robert, B.S., M.D., physician, 149 East 39th street.
 Mack, Alfred W., A.B., clerk, 325 West 58th street.
 Mack, Henry, A.B., student at law, 231 East 52d street.
 Martin, Thomas William, B.S., Kingsbridge.
 Metcalf, Fred. Lemont, B.S., 141 East 16th street.
 Miller, Rudolph Philip, B.S., C.E., C.C., '88, civil engineer, Richmond & Danville R. R., P. O. Box 35, Richmond, Va.
 Moritz, Isaac Frank, B.S., correspondent, 152 East 94th street.
 Nathan, Harold, M.S., LL.B., C.C., '89, lawyer and tutor, Columbia College Law School, lawyer, 1071 Park avenue.
 Neumann, Hugo, B.S., foot of 75th street, E. R.
 Oudin, Maurice Agnus, A.B., M.S., E.E., College of N. J., 230 East 18th street.
 Randolph, Eugene Henry Lewis, A.B., accountant of C. R. N. J., 71 West 97th street.
 Schneider, August Adolph Frederick, B.S., 31 Attorney street.
 Schulman, Samuel, A.B., clergyman.
 Sondheim, Leopold, M.S., LL.B., lawyer, 14 West 125th street.
 Stachelberg, Charles Grant, B.S., tobacco, 2005 Fifth avenue.
 Stephenson, John Charles, A.B., teacher, 70 Christopher street.
 *Webster, Andrew Lincoln, A.B.
 Wendel, Fred. Charles H., A.M., Ph.D., Univ. Strassburg, '88, Author of History of Egypt, Member Am. Oriental Soc., teacher, 328 East 55th street.

Bradley, Edward John, B.S., LL.B., lawyer, 101½ Lewis street.
 Bullova, Alfred Lyon, A.B., merchant, 146 East 55th street.
 Byrnes, James Charles, B.S., teacher, 73 East 113th street.
 Camp, Frederick Augustus, A.B., LL.B., lawyer, 254 Broadway.
 Carl, John, B.S., draughtsman, 313 West 39th street.
 Dean, Bashford, A.M., Ph.D., C.C., '89, C.C., '90, tutor, C.C., N. Y., '86-'91, Assistant N. Y. S. Fisheries Com., '86, Hon. Assistant Geology, C. C., '89, Director Summer School Biology, Coldspring Harbor, L. I., '90, Assistant U. S. Fisheries Com., '90, Instructor Biology, C. C., tutor, C. C., '91, 326 Riverdale avenue, Yonkers, N. Y.
 Downer, Charles Alfred, A.B., tutor, 1992 Lexington avenue.
 Eaton, Henry Ware, A.B., lawyer.
 Elliott, Gilbert Molleson, A.B., teacher, 10 West 127th street.
 Floyd, William Toel, A.B., clerk, 65 West 130th street.
 Greenhall, Charles L., B.S., LL.B., lawyer, 57 East 93d street.
 Gutman, Abraham L., B.S., LL. B., lawyer, 129 East 61st street.
 Hill, Aaron C., A.B., 327 East 3d street.
 Knipe, Isaac McGay, A.B., clerk, 763 Greenwich street.
 Kottman, William Adolph, B.S., LL.B., lawyer, 45 Columbia street.
 La Fetra, Edward B., A.B., LL.B., lawyer, 325 Second avenue.
 *Mason, Carl Schultz, B.S.
 Menken, Mortimer Morange, A.M., LL.B., C.C., '88, lawyer, 24 West 91st street.

Morris, Edward Myre, B.S., student at law, 839 Eighth avenue.
 Morris, Louis A.B., M.D., physician, 509 Canal street.
 Nordby, Conrad Hjalmar, B.S., teacher, 332 West 26th street.
 Oberndorfer, Nathaniel H., B.S., merchant, 127 East 64th street.
 O'Donnell, James Aloys, B.S., teacher, 433 West 40th street.
 Perkins, Edward White, A.B., M.D., physician.
 Petrasch, Carl Schurz, B.S., LL.B., lawyer, 71 West 55th street.
 Poor, Charles Lane, B.S., instructor in mathematics in Johns Hopkins University, Baltimore, Md.
 Rush, Thomas Edward, A.B., student at law, 28 Hamilton street.
 Schavel, William, B.S., teacher, 120 East 4th street.
 Schultze, Otto Henry, A.B., M.D., physician, Roosevelt Hospital.
 Shiels, Albert, A.B., teacher, 9 East 30th street.
 Stroock, Moses Jesse, B.S., lawyer, 320 Broadway.
 Thain, Mortimer Porter, B.S., student architecture, California.
 Veit, Benjamin, B.S., teacher, Hebrew Orphan Asylum, 136th street and Sixth avenue.
 Wendt, Fred William, B.S., clerk, 25 Greene street.
 Wood, John Wilson, B.S., clerk, 6 East 28th street.
 Yates, Samuel Wylie McLeod, A.B.
 Zerega, Louis Augustus, A.B., M.D., physician, 472 West 34th street.

1887.

Baron, Adolph, A.B., student of medicine, 236 East 40th street.
 Baumeister, Theodore, B.S., student at law, 306 East 23d street.

Berghane, Frederick Albert, B.S., teacher, 316 West 30th street.
 Blumenstiel, Emanuel, A.B., student at law, 108 East 79th street.
 Bradley, Thomas J., A.B., teacher, 101½ Lewis street.
 Dunlop, Samuel Robert, B.S., 326 West 48th street.
 Eising, Harry, B.S., merchant, 6 East 66th street.
 Elder, Joseph A., A.B., 337 East 68th street.
 Griffith, Harry B., B.S., 708 Lexington avenue.
 Guth, William C., A.B., student medicine, 253 East 71st street.
 Haase, Lewis M. F., A.B., editor, 794 Lexington avenue.
 Howe, John Wesley, B.S., 311 West 17th street.
 Hubbell, George William, A.B., 2027 Fifth avenue.
 *Iseli, Henry Emile, B.S.
 Jarmulowsky, Meyer, A.B., 201 Henry street.
 Johns, William H., B.S., 655 Lexington avenue.
 Josephthal, Louis Maurice, B.S., 128 East 72d street.
 Kurzman, Seymour P., A.M., LL.B., C.C., '89, lawyer, 15 Wall street.
 Lyon, Theodore Edward, Jr., B.S., teacher, 148 West 122d street.
 McElveen, William T., A.B., 1078 Third avenue.
 McEwen, G. Floy, A.B., 36 West 34th street.
 McGuire, John F. E., A.B.
 Meiowitz, Philip, B.S., student, 374 East Houston street.
 Oppenheim, Samson David, B.S., 144 West 71st street.
 O'Shea, William J., B.S., teacher, 83 Pike street.

* Deceased.

Requa, Robert Russell, A.B., teacher,
43 West 22d street.
Roche, Thomas Henry, B.S., cloth-
ing, 157 East 72d street.
Rosenthal, Abraham, A.B., student
medicine, 422 East 85th street.
Rosenwald, Benno, B.S., banking,
55 East 16th street.
Schneider, Henry George, B.S.,
teacher, 610 West 47th street.
Schreier, Eli S., B.S., student at
law, 168½ Attorney street.
Serrano, Vicente, A.B., 711 Lexing-
ton avenue.
Smith, Augustus, A.B., student engi-
neering 460 West 44th street.
Smith, Robert Frederick, B.S., 287
West 4th street.
Sondheim, Eugene A.B., 14 West
125th street.
Stake, George William, A.B., stu-
dent at law, 123 East 52d
street.
Winslow, Francis Asbury, B.S., 326
West 55th street.
Wray, Stephen, A.B., student at law,
1883 Vyse street, West Farms.
*Wright, Theodore A., B.S.,

1888.

Bamman, Harry Lewis, B.S., 159
Avenue B.
Barnett, Jacob, A.B., student, 81 East
Broadway.
Bell, John H., A.M., B.D., clergy-
man, 129 North 7th avenue, Mount
Vernon, N. Y.
Bieser, Augustus Edward, A.B., 556
West 54th street.
Brouner, Walter Brooks, A.B., 256
West 12th street.
Campbell, John, A.B.
Carnes, Mason, A.B., 24 East 17th
street.

Davies, Charles Franklin, B.S., 171
East 82d street.
Devlin, Bernard Joseph, A.B., 1459
East Boulevard.
Drummond, Lewis Evans, A.B., 280
Broadway, room 138.
Dunscorn, Samuel Whitney, Jr.,
A.M., 24 West 128th street.
Eckerson, Frank L., A.B., C.C., '91,
lawyer, 114 West 125th street.
Elder, John, A.B., 337 East 68th
street.
Erdman, Albert, B.S., LL.B., C.C.,
'91, 117 East 65th street.
Ericson, Charles, B.S., 328 East 55th
street.
Glaze, George W., B.S., Ph.B., C.C.,
'89, M.A., C.C., '91, 117 Sixtieth
street.
Hadden, Henry Cornell, A.B., 48
West 127th street.
Haney, James Parton, B.S., 1233
3d avenue.
Hatting, Peter August, A.B., 1811
Third avenue.
Hershfield, Isidor, A.B., 199 Henry
street.
Hottenroth, Adolph C., B.S., 297
Bowery.
Huber, Hugo F., B.S., 212 East
20th street.
Jasper, William Henry, B.S., 554
Hudson street.
Jones, Frank Lawrence, A.B., 319
East 57th street.
Knox, T. Harry, B.S., 215 West
123d street.
Koehler, Edwin H., B.S., 40 East
64th street.
Kohn, Albert, A.B., M.D., P. & S.,
'91, 748 Fifth street.
Koplik, Charles, B.S., LL.B., N. Y. U.,
'90, lawyer, 38 Park row.
Leisersohn, George Washington, A.B.,
221 East 128th street.

* Deceased.

Levy, Arthur Bernard, B.S., M.M.E.,
Cornell, '90, 235 East 50th street.

Levy, Lehman, B.S., student, 340
East 50th street.

Lowinson, Oscar, B.S., southwest
corner 114th street and Pleasant
avenue.

Mandel, Edward, A.B., 211 Division
street.

Marks, Louis Benedict, B.S., 778 Lex-
ington avenue.

Merz, Eugene, B.S., student of en-
gineering, 143 Littleton avenue,
Newark, N. J.

Mitchell, James Bryor, A.B., 1535
Washington avenue.

Mitchell, Richard Henry, A.B., LL.B.,
lawyer, 1535 Washington avenue.

O'Connell, Jerome A., B.S., 159 East
123d street.

Palmer, Earl Fenton, B.S., 200 West
123d street.

Parmly, Charles Howard, B.S., tutor,
344 West 29th street.

Perham, Frederick Elliot, B.S., tutor,
2127 Fifth avenue.

Potter, George Sabine, Jr., A.B., In-
structor in Eng. and History, Uni-
versity School, Chicago, Ill.

Potter, Nathaniel Bowditch, A.B., 39
West 20th street.

Quesada, Gonzalo de, B.S., 309 West
28th street.

Rauch, Morris S., B.S., 122 East 117th
street.

Rosenberg, Max, B.S., 121 East 103d
street.

Ryan, James A., B.S., 127 East 91st
street.

Ryan, William Thomas, A.B., 210
West 17th street.

Salter, George Ferry, B.S., 38 Irving
place.

Schoen, Horatio, B.S., 121 Second
avenue.

Schwick, Charles, B.S., 420 East 9th
street.

Stein, Sidney A., A.B., 5 Mitchell
place, East 49th street.

Stern, Charles S., A.B., M.D., B.H.
M.C., '91, 78 East 108th street.

Stevens, Plowdon, Jr., B.S., 150 West
99th street.

Tuska, Gustav R., B.S., 223 East
18th street.

Wieland, William Charles, B.S., 212
West 80th street.

1889.

Abraham, William, A.B., 141 Suffolk
street.

Alsldorf, Edward G., A.B., 237 West
51st street.

Alzheimer, Joseph J., B.S., 220 East
20th street.

Bachmann, Isaac, A.B., 270 West
127th street.

Baruch, Bernard M., A.B., 67 West
70th street.

Bernstein, Saul, A.B., 41 East Broad-
way.

Blan, Samuel Augustus, B.S., 226
East 48th street.

Brandt, William J., B.S., 176 East
88th street.

Carpentier, Marius A., B.S., 251 West
123d street.

Carter, Stephen Tallmadge, B.S., 222
West 23d street.

Cohn, Samuel, B.S., 332 West 47th
street.

Constant, Joseph Anthony, B.S., 24
Park place.

Curry, John Pinkerton, A.B., 128
West 61st street.

Dunlap, James John, A.B., 326 West
48th street.

Dunn, Gano Sillick, B.S., 3 Bank
street.

Fischlowitz, Gustav G., A.B., student
of medicine, 297 Greenwich street.

Fuentes, Ventura, A.B., 253 West
84th street.

Goldstein, Philip, A.B., 103 Goerck street.
 Goldstein, Samuel, A.B., 166 First avenue.
 Hoch, John, A.B., 162 East 64th st.
 Horne, Charles F., B.S., 68 East 49th street.
 Jenks, Elijah, Jr., B.S., 446 West 37th street.
 Kletchka, John Joseph, A.B., 92 Vesey street.
 Laase, Christian, Jr., B.S., 641 East 9th street.
 Lessler, Montague, B.S., 432 East 57th street.
 Ludwig, Henry, Jr., B.S., 299 Seventh avenue.
 Lydon, Richard P., A.B., 842 Lexington avenue.
 McBarron, John, A.B., 283 East Broadway.
 McQueeney, Edward Cleveland, A.B., 790 Eleventh avenue.
 Merritt, Fowler, A.B., 305 East 56th street.
 Mohr, Walter Martin, B.S., 17 Bedford street.
 Morgenstern, Julius, A.B., 566 Grand street.
 Morse, Livingston Burrill, B.S., 44 West 17th street.
 Pedersen, Frederick Malling, B.S., 327 West 34th street.
 Prince, Julius, B.S., 120 East 107th street.
 Reardon, Dennis Joseph, B.S., 348 West 48th street.
 Rozenblueth, Jacob, A.B., 340 East 65th street.
 Rothschild, Louis Frank, B.S., 51 East 60th street.
 Scheuer, Maurice, B.S., 26 East 76th street.
 Schlesinger, Anthony, A.B., 84 Pitt street.
 Schuyler, Livingston, A.B., 311 East 86th street.

Schwarz, Sampson Henry, B.S., 105 East 79th street.
 Simon, Solomon, 440 West 22d street.
 Smith, Arthur, 460 West 44th street.
 Smith, John J., 1704 First avenue.
 Springted, James William, 435 West 24th street.
 Van Pelt, John N., 2365 Third avenue.
 Warner, Theodore Alfred, 325 East 30th street.
 Waterbury, Ezra K., 104 East 10th street.
 Wingebach, Joseph Franklin, 129 Stanton street.

1890.

Abrahamson, Isador, B.S., 131 East 125th street.
 Angell, Frank S., B.S., 213 West 23d street.
 Bleil, Frederick, A.B., 106 Eldridge street.
 Boyrer, William C., B.S., 669 East 138th street.
 Breitweiser, Leonard Lawrence, B.S., 74 Seventh street.
 Brickner, Edwin Solis, B.S., 812 Lexington avenue.
 Brodek, Charles Adrian, B.S., 808 Lexington avenue.
 Brower, James C., B.S., 144 West 16th street.
 Burke, Edmund, A.S., tutor, 62 Pike street.
 Duggan, Stephen Pierce, B.S., teacher, 341 East 23d street.
 Elsberg, Charles Albert, A.B., 114 East 58th street.
 Fischlowitz, Abram, B.S., teacher, G. S. 40, 297 Greenwich street.
 Fitch, Albert Franklin, B.S., 64 East 86th street.
 Garritt, Albert Warner, B.S., 166 West 128th street.
 Halligan, Thomas, B.S., 236 Seventh street.

Herrman, Charles, B.S., 27 West 115th street.
 Herskovitz, Herman, Jr., B.S., 780 Second avenue.
 Hühner, Leon, A.B., 358 East 121st street.
 Jacobsohn, William, B.S., 334 East 52d street.
 Kelby, Thomas, B.S., 60 St. Mark's place.
 Kohler, Max James, B.S., 115 East 71st street.
 Louis, Otto T., B.S., 112 Avenue A.
 McBarron, Frank I., B.S., 283 East Broadway.
 Mannheim, Louis L., A.B., 268 East Broadway.
 Meighan, Burton C., B.S., teacher, Mamaroneck.
 Morris, Aaron, A.B., 55 Baxter street.
 Myers, John Hays, Jr., A.B., Clover street, West Farms.
 Nelson, Dean, B.S., 1139 Madison avenue, corner 85th street.
 Neuhoﬀ, Selian, B.S., 56 Ludlow st.
 Prellwitz, Otto Emil, A.B., 304 East 23d street.
 Pyne, William Joseph, B.S., 336 Water street.
 Rauner, Charles, B.S., 323 East 42d street.
 Remy, Alfred M., A.B., student of music, 415 St. Nicholas avenue.
 Remy, Arthur F. J., A.B., tutor, 415 St. Nicholas avenue.
 Risk, Francis, A.B., 408 West 18th street.
 Roeser, John Edward, B.S., 240 West 130th street.
 Rogers, Clarence DeW., B.S., 64 East 61st street.
 Roseno, Bernard S., A.B., 345 Canal street.
 Rosenthal, Charles Edward, B.S., 166 Henry street.
 Saurel, Paul L., B.S., 158 West 16th street.

Schlesinger, Frank, B.S., 166 East 82d street.
 Schlesinger, Henry William, A.B., 120 Lewis street.
 Stock, Casper, B.S., 207 East 116th street.
 Stuart, William, B.S., 200 East 10th street.
 Taylor, David C., A.B., 105th street and Riverside Drive.
 Veiller, Lawrence, A.B., 50 West 48th street.
 Walker, George L., B.S., 890 Grand Boulevard.
 Weber, William E., A.B., 16 Bayard street.
 Wiener, Joseph, A.B., 1003 Madison avenue.
 Wood, William T., B.S., 39 Gramercy Park.
 Yankauer, Sidney, A.B., 333 East 58th street.
 Zarnitz, George Henry, A.B., 326 Madison street.

1891.

Altkrug, Louis J., A.B., 106 East Broadway.
 Berg, Albert, A.B., 245 Seventh street.
 Binion, Joshua, B.S., 158 East Broadway.
 Carl, William, A.B., 247 West 133d street.
 Clearman, Wallis J., B.S., 149 East 89th street.
 Cohn, Isadore, B.S., 91 East Broadway.
 Dann, Nicholas R., A.B., 59 Rivington street.
 Elder, Robert, A.B., 162 Second avenue.
 Elsbeg, Nathaniel A., A.B., 114 East 58th street.
 Emley, Joseph Noble, A.B., 402 West 58th street.
 Foster, Frederick J., B.S., 628 West 52d street.

- Freund, Jacob M., B.S., 49 East 91st street.
- Friedwald, Samuel, A.B., 188 Madison street.
- Frisbee, Harry D., A.B., 1340 Fulton avenue.
- Gartensteig, Charles, B.S., 228 East 71st street.
- Geyer, Paul W., A.B., 78 Second street.
- Greer, John G., B.S., Governor's Island.
- Guiterman, Arthur, A.B., 335 West 58th street.
- Hamburg, David Joseph, B.S., 144 East 83d street.
- Handy, Arthur W., 131 West 32d st.
- Hartnett, Eugene Howe, B.S., 109 Macdougall street.
- Henschel, Joseph, A.B., 1239 Washington avenue.
- Hertz, Joseph Herman, A.B., 143 Norfolk street.
- Hoffmann, Alfred L., A.B., 159 Orchard street.
- Huiell, John Mortimer, A.B., 286 Madison street.
- Jacobs, Alfred M., 403 Sixth avenue.
- Kelly, Edwards H., A.B., 322 East 87th street.
- Kelly, William V., B.S., 163 East 69th street.
- Libman, Emmanuel, A.B., 180 East 64th street.
- Lindroth, Charles Hjalmar, A.B., 120 East 7th street.
- Lippincott, Harold E., B.S., tutor, 230 West 76th street.
- Ludvigh, Elek John, B.S., 101 Lexington avenue.
- Man, Arthur, A.B., 106 East 30th street.
- Marx, Louis J., A.B., 538 Fifth street.
- Marx, Wolfe Bennett, A.B., 538 Fifth street.
- Meighan, Howard Sidney, B.S., tutor, Mamaroneck.
- Meyer, William Henry, A.B., 241 East 109th street.
- Miller, Ira Abbott, B.S., 154 West 20th street.
- Necarsulmer, Harry, B.S., 109 East 70th street.
- Nelson, Henry Clay, B.S., 1139 Madison avenue.
- Oakes, John Calvin, B.S., 423 West 21st street.
- Oakley, Charles Solomon, A.B., 459 West 34th street.
- Rainey, William, B.S., 234 West 39th street.
- Reynolds, Frederick Gregory, B.S., tutor, 140 West 132d street.
- Rodman, Harry, A.B., 215 East B'way.
- Samuels, Robert Vinton Seger, B.S., East 143d street, corner St. Ann's avenue.
- Scheuer, Louis, B.S., 951 Second avenue.
- Smyth, Francis, A.B., 3 East 65th street.
- Steinach, William, A.B., 188 Second avenue.
- Stern, Philip Harry, A.B., 156 East 72d street.
- Stroock, Solomon M., B.S., 156 East 80th street.
- Theobald, Carl, B.S., 542 East 11th street.
- Timmerman, Arthur H., B.S., 305 East 53d street.
- Timmerman, Charles Edward, B.S., 305 East 53d street.
- Tobias, Leo, B.S., 321 East 52d street.
- Trafford, Forrest Rose, B.S., 154 East 45th street.
- Van Norman, Louis Edwin, A.B., 1180 Tinton avenue.
- Victor, Frederick, B.S., 166 East 116th street.
- Weiler, Charles H., B.S., 106 East 60th street.
- Wood, Sidney Lunt, B.S., 6 East 28th street.

CHAIRMEN

OF THE BOARD OF TRUSTEES.

1847, TOWNSEND HARRIS,
1848-9, ROBERT KELLY.
1850-4, ERASTUS C. BENEDICT, LL.D.
1855, WILLIAM H. NEILSON.
1856-7. ANDREW H. GREEN.
1858. WILLIAM H. NEILSON.
1859, RICHARD WARREN.
1860-3, WILLIAM E. CURTIS, LL.D.
1864-7, JAMES M. McLEAN.
1868-9, RICHARD L. LARREMORE, LL.D.
1870-2, BERNARD SMYTH.
1873, JOSIAH G. HOLLAND, LL.D.
1873-5, WILLIAM H. NEILSON.
1876-9, WILLIAM WOOD, LL.D.
1880-6, STEPHEN A. WALKER, LL.D.
1886-90, J. EDWARD SIMMONS, LL.D.
1890, JOHN L. N. HUNT, LL.D.

EXECUTIVE COMMITTEES

OF THE BOARD.

1847.
TOWNSEND HARRIS.
THOMAS DENNY. ANDREW CARRIGAN.
JOSEPH S. BOSWORTH. HENRY S. NICOLL.
1848.
ROBERT KELLY.
THOMAS DENNY. SAMUEL A. CRAPO.
JOSEPH S. BOSWORTH. WILLIAM T. PINKNEY.

1849.

ROBERT KELLY.

THOMAS DENNY.

SAMUEL A. CRAPO.

JOSEPH S. BOSWORTH.

WILLIAM T. PINKNEY.

1850.

LUTHER BRADISH.

JAMES G. KING, JR.

JEREMIAH E. CARY.

WILLIAM T. PINKNEY.

JEREMIAH FOWLER.

1851.

LUTHER BRADISH.

WILLIAM T. PINKNEY.

HENRY S. NICOLL.

THOMAS DENNY.

CHARLES J. DODGE.

ERASTUS C. BENEDICT.

1852.

LUTHER BRADISH.

CHARLES J. DODGE.

CYRUS LAWTON.

SAMUEL A. CRAPO.

WILLIAM T. PINKNEY.

ERASTUS C. BENEDICT.

1853.

EDWARD L. BEADLE.

WILLIAM T. PINKNEY.

JEREMIAH E. CARY.

CHARLES J. DODGE.

JOEL B. NOTT.

ERASTUS C. BENEDICT.

1854.

EDWARD L. BEADLE.

PETER COOPER.

JAMES F. DE PEYSTER.

ERASTUS C. BENEDICT.

JOHN W. C. LEVERIDGE.

ABRAHAM D. WILSON.

AUGUSTUS MORAND.

1855.

EDWARD L. BEADLE.

ABRAHAM D. WILSON.

ALANSON S. JONES.

RANDOLPH W. TOWNSEND.

EDWARD B. FELLOWS.

ABRAHAM V. WILLIAMS.

BOLTIS M. FOWLER.

1856.

ABRAHAM V. WILLIAMS.

LAFAYETTE RANNEY.	JAMES M. TUTHILL
THOMAS BOESE.	JOHN C. HULL.
ROBERT A. ADAMS.	JOSEPH EDWARDS.

1857.

ABRAHAM V. WILLIAMS.

THOMAS BOESE.	SIMEON BALDWIN.
LAFAYETTE RANNEY.	RICHARD C. FELLOWS.
JAMES M. TUTHILL.	WILLIAM M. TWEED.

1858.

LAFAYETTE RANNEY.

JAMES M. TUTHILL.	WILLIAM BLOOMFIELD.
RICHARD C. FELLOWS.	JAMES MACKEAN.
ROBERT A. ADAMS.	HUGH G. CROZIER.

1859.

ABRAHAM V. WILLIAMS.

LAFAYETTE RANNEY.	ROBERT A. ADAMS.
JAMES M. TUTHILL.	HUGH G. CROZIER.
WILLIAM BLOOMFIELD.	WILLIAM E. CURTIS.

1860.

ANDREW H. GREEN.

JAMES M. TUTHILL.	CHARLES McKAY.
JAMES FAIRMAN.	ANDREW V. STOUT.
HUGH G. CROZIER.	HUBBARD G. STONE.

1861.

HUGH G. CROZIER.

JAMES M. TUTHILL.	SAMUEL B. H. VANCE.
HUBBARD G. STONE.	JAMES MACKEAN.
ANDREW V. STOUT.	DENIS McCARTHY.

1862.

JAMES M. TUTHILL.

ANDREW V. STOUT.	ANDREW ROBINSON, JR.
JAMES MACKEAN.	JOHN GALVAN.
SAMUEL B. H. VANCE.	DENIS McCARTHY.

1863.

RICHARD L. LARREMORE.

SAMUEL B. H. VANCE.

JAMES L. MILLER.

BERNARD SMYTH.

ANDREW V. STOUT

JOHN N. HAYWARD.

JAMES M. TUTHILL.

1864.

JAMES L. MILLER.

SAMUEL B. H. VANCE.

JOHN HAYES.

JOHN N. HAYWARD.

WASHINGTON MURRAY.

JAMES M. TUTHILL.

WILLIAM HITCHMAN.

1865.

WASHINGTON MURRAY.

JAMES L. MILLER.

JAMES M. TUTHILL.

SAMUEL B. H. VANCE.

S. WEIR ROOSEVELT.

WILLIAM HITCHMAN.

JOHN HAYES.

1866.

WASHINGTON MURRAY.

JAMES L. MILLER.

SAMUEL B. H. VANCE.

S. WEIR ROOSEVELT.

JOHN HAYES.

WILLIAM HITCHMAN.

JOHN F. TURNER.

1867.

SAMUEL B. H. VANCE.

JAMES L. MILLER.

JOHN HAYES.

WILLIAM HITCHMAN.

JOHN F. TURNER.

RICHARD F. WARREN.

RICHARD L. LARREMORE.

1868.

SAMUEL B. H. VANCE.

RICHARD WARREN.

WILSON SMALL.

HORATIO P. ALLEN.

BENJAMIN B. MERRILL.

HENRY P. WEST.

THOMAS J. HALL.

1869.

BERNARD SMYTH.

MAGNUS GROSS.	JOHN H. SHERWOOD
NATHANIEL SANDS.	TIMOTHY BRENNAN.
SAMUEL A. LEWIS.	WILLIAM E. DURYEA.

1870.

MAGNUS GROSS.

NATHANIEL SANDS.	NATHANIEL JARVIS, JR.
SAMUEL A. LEWIS.	JOHN H. SHERWOOD.
WILLIAM E. DURYEA.	TIMOTHY BRENNAN.

1871.

MAGNUS GROSS.	NATHANIEL SANDS.
NATHANIEL JARVIS, JR.	HOOPER C. VAN VOORST.
SAMUEL A. LEWIS.	

1872.

MAGNUS GROSS.	NATHANIEL SANDS.
NATHANIEL JARVIS, JR.	HOOPER C. VAN VOORST.
SAMUEL A. LEWIS.	ALEXANDER S. WEBB.

1873.

ALBON P. MAN.

RUFUS G. BEARDSLEE.	ALBERT KLAMROTH.
WILLIAM DOWD.	JOSEPH SELIGMAN.
EUGENE KELLY.	RANDOLPH W. TOWNSEND.
JACOB D. VERMILYE.	ALEXANDER S. WEBB.

1874.

ALBON P. MAN.

RUFUS G. BEARDSLEE.	ALBERT KLAMROTH.
WILLIAM DOWD.	EDWARD SCHELL.
LEONARD HAZELTINE.	RANDOLPH W. TOWNSEND.
EUGENE KELLY.	ALEXANDER S. WEBB.

1875.

ALBON P. MAN.

RUFUS G. BEARDSLEE.	ALBERT KLAMROTH.
WILLIAM DOWD.	EDWARD SCHELL.
LEONARD HAZELTINE.	RANDOLPH W. TOWNSEND.
EUGENE KELLY.	ALEXANDER S. WEBB.

1876.

RUFUS G. BEARDSLEE.

WILLIAM DOWD.	EUGENE KELLY.
EDWARD SCHELL.	ERNEST CAYLUS.
LEONARD HAZELTINE.	J. GREENVILLE KANE.
DAVID F. BAKER.	ALEXANDER S. WEBB.

1877.

RUFUS G. BEARDSLEE.

WILLIAM DOWD.	LEONARD HAZELTINE.
EUGENE KELLY.	JOHN GREENVILLE KANE.
DAVID F. BAKER.	STEPHEN A. WALKER.
EDWARD SCHELL,	ALEXANDER S. WEBB.

WILLIAM WOOD.

1878.

RUFUS G. BEARDSLEE.

WILLIAM DOWD.	WILLIAM H. WICKHAM.
EUGENE KELLY.	BENJAMIN F. WATSON.
STEPHEN A. WALKER.	SAMUEL G. JELLIFFE.
EVERETT P. WHEELER.	ALEXANDER S. WEBB.

WILLIAM WOOD.

1879.

STEPHEN A. WALKER.

RUFUS G. BEARDSLEE.	WILLIAM H. WICKHAM.
WILLIAM DOWD.	BENJAMIN F. WATSON.
EUGENE KELLY.	SAMUEL G. JELLIFFE.
EVERETT P. WHEELER.	ALEXANDER S. WEBB.

WILLIAM WOOD.

1880.

WILLIAM DOWD.

RUFUS G. BEARDSLEE.	HENRY E. PELLEW.
EDWARD C. DONNELLY.	FERDINAND TRAUD.
EUGENE KELLY.	BENJAMIN F. WATSON.
WILLIAM H. WICKHAM.	STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1881.

WILLIAM DOWD.

EDWARD C. DONNELLY.	EUGENE KELLY.
HENRY E. PELLEW.	ISAAC BELL.
WILLIAM H. WICKHAM.	GILBERT H. CRAWFORD.
FERDINAND TRAUD.	STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1882.

WILLIAM DOWD.

FREDERICK R. COUDERT.	EUGENE KELLY.
GILBERT H. CRAWFORD.	EDWARD PATTERSON.
JOSEPH W. DREXEL.	FERDINAND TRAUD.
WILLIAM BELDEN.	STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1883.

GILBERT H. CRAWFORD.

FREDERICK R. COUDERT.	FERDINAND TRAUD.
JACOB D. VERMILYE.	WILLIAM WOOD.
EUGENE KELLY.	EUGENE H. POMEROY.
EDWARD PATTERSON.	STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1884.

GILBERT H. CRAWFORD.

WILLIAM BELDEN.	WILLIAM B. WALLACE.
EUGENE H. POMEROY.	WILLIAM WOOD.
J. EDWARD SIMMONS.	JACOB D. VERMILYE.
JACOB H. SCHIFF.	STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1885.

GILBERT H. CRAWFORD.

CHARLES L. HOLT.

CHARLES CRARY.

HOSEA B. PERKINS.

DE WITT J. SELIGMAN.

WILLIAM B. WALLACE.

WILLIAM WOOD.

JACOB D. VERMILYE.

STEPHEN A. WALKER.

ALEXANDER S. WEBB.

1886.

GILBERT H. CRAWFORD.

ROBERT M. GALLAWAY.

FERDINAND TRAUD.

CHARLES L. HOLT.

WILLIAM WOOD.

WILLIAM LUMMIS.

JACOB D. VERMILYE.

HOSEA B. PERKINS.

J. EDWARD SIMMONS.

ALEXANDER S. WEBB.

1887.

CHARLES L. HOLT.

WILLIAM A. COLE.

HENRY L. SPRAGUE.

ROBERT M. GALLOWAY.

EDWARD J. H. TAMSEN.

WILLIAM LUMMIS.

WILLIAM WOOD.

MILES M. O'BRIEN.

J. EDWARD SIMMONS.

ALEXANDER S. WEBB.

1888.

CHARLES L. HOLT.

WILLIAM A. COLE.

HENRY L. SPRAGUE.

ROBERT M. GALLOWAY.

EDWARD J. H. TAMSEN.

WILLIAM LUMMIS.

WILLIAM WOOD.

MILES M. O'BRIEN.

J. EDWARD SIMMONS.

• ALEXANDER S. WEBB.

1889.

CHARLES L. HOLT.

RANDOLPH GUGGENHEIMER.

JOHN L. N. HUNT, LL.D.

JACOB D. VERMILYE.

FREDERICK KÜHNE.

J. EDWARD SIMMONS.

ADOLPH L. SANGER.

FREDERICK W. DEVOE.

THADDEUS MORIARTY.

ALEXANDER S. WEBB.

1890.

CHARLES L. HOLT.

JOHN L. N. HUNT, LL.D.

ADOLPH I. SANGER.

EDWARD H. PEASLEE.

JACOB D. VERMILYE.

FREDERICK W. DEVOE.

THADDEUS MORIARTY.

JAMES W. GERARD.

J. EDWARD SIMMONS

ALEXANDER S. WEBB.

1891.

CHARLES L. HOLT.

EDWARD H. PEASLEE.

THADDEUS MORIARTY.

JAMES W. GERARD.

JOSEPH J. LITTLE.

ADOLPH I. SANGER.

JAMES W. McBARRON.

CHARLES STRAUSS.

JOHN L. N. HUNT, LL.D.

ALEXANDER S. WEBB.

FORMER OFFICERS OF THE COLLEGE.

HORACE WEBSTER, LL.D.,

President, July 19, 1848, and Professor of Philosophy, October 15, 1851

—July 21, 1869.

EDWARD COKE ROSS, LL.D.,

Professor of Mathematics and Natural Philosophy, November 1, 1848—

May 16, 1851.

GERARDUS BEEKMAN DOCHARTY, LL.D.,

Assistant Professor of Mathematics and Natural Philosophy, November

1, 1848, Professor of Mathematics, July 16, 1851—September 1,
1879.

THEODORE IRVING, LL.D.,

Professor of History and Belles-Lettres, November 1, 1848—May 1, 1852.

JOHN JASON OWEN, D.D., LL.D.,

Professor of the Latin and Greek Languages and Literatures, November

15, 1848—April 15, 1869.

- OLIVER WOLCOTT GIBBS, M.D., LL.D.,
Professor of Chemistry and Physics, December, 1848—September, 1863.
- AUGUSTIN JOSE MORALES, LL.D.,
Professor of the Spanish Language and Literature, December, 1847—
May, 1885.
- THEODORE GUSTAVUS GLAUBENSKLEE,
Professor of the German Language and Literature, December, 1848—
March, 1861.
- PAUL PETER DUGGAN, N. A.,
Professor of Drawing and the Arts of Design, December, 1848—October,
1861.
- WILLIAM B. FRANKLIN, U.S.A.,
Professor of Natural Philosophy, November, 1851—April, 1852.
- JOHN AUGUSTUS NICHOLS, LL.D.,
Professor of Natural Philosophy, July, 1852—November, 1868.
- JOEL TYLER BENEDICT, A.M.,
Professor of Civil Engineering, July, 1852, Adjunct Professor of Mathe-
matics, October, 1857—April, 1866.
- CHARLES EDWARD ANTHON, LL.D.,
Professor of History and Belles-Lettres, July, 1852—June, 1883.
- JOHN GRAEFF BARTON, LL.D.,
Professor of the English Language and Literature, July, 1852—May, 1877.
- HERMAN JOSEPH A. KOERNER, PH.D.,
Professor of Drawing and Descriptive Geometry, 1853—1877.
- GEORGE WASHINGTON HUNTSMAN, A.M.,
Assistant Professor of Philosophy, 1855, Adjunct Professor, 1857, Pro-
fessor, 1869—1879.
- JESSE AMES SPENCER, S.T.D.,
Professor of the Greek Language and Literature, 1869—1879.
- RUSSELL STURGIS, A.M.,
Professor of Architecture and the Arts of Design, 1878—1883.
- JOHN C. DRAPER, M.D.,
Professor of Natural History, Physiology and Hygiene, 1863—1885.

TUTORS.

EDWARD CHAUNCEY MARSHALL, A.M.,	1849-52.
GEORGE WASHINGTON HUNTSMAN, A.M.,	1849-55.
NORMAN BEACH, A.B.,	1849-53.
AUGUSTUS FRANCIS BOYLE,	1849-50.
JOSEPH HOWARD PALMER, A.M.,	1850-70.
JOHN AUGUSTUS NICHOLS, LL.D.,	1851-52.
BENJAMIN ARAD SHELDON, Ph.D.,	1851-89.
WILLIAM BEINHAUER SILBER, Ph.D.,	1851-70.
OLIVER WETMORE, A.B.,	1851-52.
JOEL TYLER BENEDICT, A.M.,	1851-52.
ASA GARDNER WOLCOTT, A.M.,	1852-53.
EUGENE LAWRENCE, A.M.,	1852-53.
ROBERT BLENKIRON, A.B.,	1853-50.
JOHN AUGUSTUS HOWS, A.B.,	1853-54.
JOHN HARDY, A.M.,	1853-57.
HECTOR MUDRY, J.U.D.,	1853-57.
WILLIAM HENRY ABEL, A.M.,	1855-56.
LEWIS CONDIT BAYLES, A.M.,	1856-58.
CHARLES HENRY PRATT, A.M.,	1856-58.
ARTHUR McMULLIN, A.M.,	1856-61.
FRANKLIN SAMUEL RISING, A.M.,	1856-58.
JOSEPH ANDERSON, D.D.,	1857-58.
LUCIEN OUDIN, A.M.,	1858-68.
SAMUEL GOULD JELLIFFE, A.M.,	1858-64.
DAVID GREEN FANNING, A.B.,	1858-59.
WILLIAM MELLEN BANKS, A.M.,	1858-60.
JAMES GODWIN, A.M.,	1858-79.
ALEXANDER PHENIX KETCHUM, A.M., LL.B.,	1858-59.
JAMES KNOX, A.M., LL.B.,	1859-76.
WILLIAM KINGSLAND HALLOCK, M.D.,	1862-63.
JAMES EDWARD MORRISON, A.M., LL.B.,	1864-78.
JOSEPH EDWARD FROBISHER,	1865-78.
CHARLES ROBERTS, Jr., A.M.,	1866-76.
EUSTACE WHIPPLE FISHER, M.D.,	1868-80.
EDWARD ELLICE BURNET, A.M.,	1868-79.
ERNEST FISTON, A.M.,	1868-89.

LOUIS ANTOINE LANGUELLIER, J.U.D.,	1870-71.
ROBERT ABBE, M.D.,	1870-72.
HUGO RUDOLPH HUTTEN,	1872-78.
CHARLES ALEXANDER WALWORTH, LL.B.,	1872-82.
BENJAMIN CARLISLE GREGORY, A.B.,	1872-75.
CHARLES EDWARD LYDECKER, B.S., LL.B.,	1875-80.
BENJAMIN FRANKLIN WILLSON,	1876-80.
WILLIAM HOUSTON KENYON, A.M., LL.B.,	1876-80.
VERNON MANSFIELD DAVIS, A.M., LL.B.,	1876-82.
MAURICE RAPP, A.B., LL.B.,	1876-83.
JOHN HENRY WEDDELL, A.M.,	1877-82
JULIUS CÆSAR MORGENTHAU, A.B., Ph.D.	1878-82, 1886-91.
LEWIS SAYER BURCHARD, A.B., LL.B.,	1878-84.
WILLIAM WICKHAM SMITH, B.S., LL.B.,	1878-84.
ROBERT NELSON KENYON, A.B.,	1883-85.
ERNEST ILGEN, A.B.,	1883-85.
OSCAR ERLANDSEN,	1885-87.
ALFRED COLIN,	1883-87.
JOHN BAUMEISTER, B.S.,	1881-89.
GEORGE C. HOLLERITH, B.S.,	1879-89.
DAVID CHERBULIEZ,	1883-90.
HAROLD NATHAN, M.S.,	1885-89.
FORBES R. McCREERY, B.S.,	1886-88.
CHARLES LANE POOR, B.S.,	1886-88, 1889-91.
BASHFORD DEAN, Ph.D.,	1886-91.
CARL S. PETRASCH, B.S.,	1888-91.
JOSEPH F. MULQUEEN, A.M., LL.B.,	1880-91.

FELLOWS.

JOHN HAMPDEN DOUGHERTY, A.B., LL.B.,	1871-
CHARLES EDWARD LYDECKER, B.S., LL.B.,	1871-
MARTYN SUMMERBELL, A.M.,	1871-
ARTHUR BEACH, M.D.,	1872-
ADOLPHUS HENRY STOIBER, A.M., LL.B.,	1872-
JOHN BACH McMASTER, A.B.,	1872-
EMANUEL HOCHHEIMER, M.D.,	1872-

REGISTRARS.

WILLIAM OLAND BOURNE, A.M.,	1852—54.
JOSEPH OAKLEY NODYNE, A.M.,	1854—63.
JOHN H. CHAMBERS,	1863—69.
NATHANIEL W. BLUNT,	1869—70.
JOHN T. CUMING,	1870—73.
ROBERT W. CANA,	1873—91.

ASSISTANTS IN THE CHEMICAL LABORATORY.

JAMES RANDOLPH BRANT, A.B.,	1855—59.
SIMON FRAZER MACKIE, A.M.,	1859—63.
ASA WILLIAMS WILKINSON, M.D.,	1863—82.

JANITORS.

NICHOLAS SEEBER,	1848—58.
GROSVENOR WATERS,	1858—62.
JOSEPH DELANEY,	1862—69.
JOHN BONNEY,	1869—80.
JOHN BELL,	1881—83.

STUDENTS.

SENIOR CLASS.

- Alexander, Edward Albert, 147 East 62d street.
Baruch, Hermann Benjamin, 67 West 70th street.
Benedikt, Victor M., 123 East 83d st.
Bernstein, Solomon Charles, 90 East Broadway.
Bruckner, Arthur, 314 Sixth street.
Bullock, Ferdinand Ezra M., 46 East 66th street.
Byrne, George T. L., 121 Crosby street.
Chapman, R. Fendall, 167 East 116th street.
Coleman, John B., 845 Lexington avenue.
Cook, Alfred A., 152 East 71st street.
Craft, Warren Moore, 217 West 133d street.
Dailey, Alfred Milner, 246 East 23d st.
Dreyfuss, Louis, 252 East Houston street.
Earle, Thornton, 498 West 153d street.
Fintel, Ernest A. von, 153 East 50th st.
Freedman, Lewis Herbert, 120 West 125th street.
Goldmark, Emil, 150 East 63d street.
Greenbaum, Jacob H., 80 East 108th street.
Haight, S. Carleton, 1766 Cloverstreet.
Hauswirth, Louis, 208 Seventh street.
Hellerson, Charles E. W., 317 East 55th street.
Henwood, William Jory, 1293 Washington avenue.
Hertz, Emanuel, 143 Norfolk street.
Jacobus, Theo. I., 118 First street.
Jennings, George E., 321 West 12th street.
Josephson.
Knox, Arthur, 571 Mott avenue.
Levy, Meyer, 132 Henry street.
Levy, Morris, 218 Henry street.
Liebermann, William, 417 East 84th street.
Loewy, George S., 577 East 146th st.
McNeill, Ernest, Jr., 589 East 140th street.
Martin, Jeremiah N., Jr., 436 Lenox avenue.
Miller, James Calvin, Jr., 227 West 52d street.
Moss, Isaac, 263 West 26th street.
Natkins, Isaac, 418 West 40th street.
Newman, Henry, 93 Division street.
Ottinger, Nathan, 110 East 61st st.
Powers, Francis W., 216 East 109th street.
Reubenstein, Raymond, 57 East Broadway.
Rieser, Max Gustine, 225 East 93d st.
Roeser, Edward N., 240 West 130th street.
Rosenzweig, Joseph, 249 East 110th street.
Schmeidler, Benjamin, 164 East 66th street.
Schulz, Geo. M. S., 117 East 35th st.
Scott, Frank, 144 Waverley place.
Scouler, Ambrose A., 159 East 119th street.
Seufert, William Marshall, 516 East 152d street.

Shera, George William, 107 East 29th street.
 Sigel, Franz, Jr., 563 Mott avenue.
 Silberstein Solomon D., 442 Lenox avenue.
 Sobel, Jacob, 148 Henry street.
 Speranza, Gino Charles, 128 East 63d street.
 Stanton, Frederick Everett, 43 West 71st street.

Stratton, Alexander, 2013 Fifth ave.
 Stroh, Frederick A., 59 West 22d street.
 Taylor, Geo. H., Jr., 821 East 138th street.
 Thorner, Maurice, 288 East Houston street.
 Whitehorne, Frederick N., 64 West 126th street.

JUNIOR CLASS.

Ansbacher, Samuel L., 1869 Madison avenue.
 Appleton, Floyd, Sedgwick Park, Fordham Heights.
 Austin, Berkeley C., 209 West 118th st.
 Becker, Hubert, 322 East 79th street.
 Benoliel, Solomon D., 116 West 35th st.
 Binzen, John P., Jr., 301 East 121st st.
 Blumensohn, Henry J., 250 East Broadway.
 Boylan, John Joseph, 547 West 59th st.
 Brennemman, Charles, 157 East 71st st.
 Bretzfelder, Isaac, 87 Avenue B.
 Brickner, Walter M., 812 Lexington avenue.
 Bunnell, Walter L., 317 West 136th st.
 Campbell, Judson David, 470 West 34th street.
 Carew, John F., 225 East 58th street.
 Childs, Frederick A., 153 East 117th street.
 Cohen, Augustus, 145 East 47th st.
 Cohen, Charles, 164 West 132d street.
 Cohn, Solomon, 44 Bowery.
 Corbett, William Henry, 108 East 78th street.
 Crampton, Henry E. Jr., 256 West 121st street.
 Crooker, Fred. F., 124 East 59th st.
 Dalton, Wm. A., 303 Eighth street.
 Daly, William H., 188 Lexington ave.
 Donohue, Thomas M., 1240 Franklin avenue, Morrisania.
 Eckert, Louis, 210 East 70th street.

Eisman, H. Seymour, 124 East 74th st.
 Emery, Dean, 1661 Washington avenue, Tremont.
 Erdman, William, 14 East 78th street.
 Fischer, Edwin Philip, 33 West 92d street.
 Fischer, Joseph, 242 East 83d street.
 Flynn, Henry S., 335 West 48th street.
 Friedmann, Hermann George, 922 East 138th street.
 Ginsburg, Leon B., 310 East 116th st.
 Goldbacher, Ernest, 109 West 131st st.
 Goldfrank, Harry P., 20 East 81st st.
 Goldhammer, Adolph, 344 East Houston street.
 Graff, Horace M., 40 West 83d street.
 Green, Charles, 826 Lexington ave.
 Haffner, Charles, 655 Water street.
 Haller, Edwin A. F., 124 West 28th st.
 Haney, John Darling, 1233 Third ave.
 Herrmann, Arnold, 18 East 60th st.
 Hesselbach, Charles Valentine, 93 Lexington avenue.
 Hillebrandt, Oscar von, 191 Forsyth street.
 Holden, Edwin Chapin, 17 West 132d street.
 Hyman, David J., 300 East 51st street.
 Hyman, Solomon, 328 East 57th street.
 Jacobus, Emanuel, 118 First street.
 Kaminski, Nathan, 122 West 64th st.
 Katz, Maurice J., 201 Henry street.
 Kelly, Bernard Heatherington, 119 East 23d street.

Kinkeldey, Carl W., 62 East 12th st.
 Kohler, Edgar J., 115 East 71st street.
 Kornreich, Conrad Piser, 93 Clinton street.
 Levenson, Chas. Coleman, 1853 Lexington avenue.
 Levin, Harry M., 317 East 79th street.
 Levussove, M. S., 163 East 106th st.
 Levy, Louis, 119 East 122d street.
 Lewis, Milton S., 41 East 64th street.
 McNally, Edward Joseph, 1589 Second avenue.
 Maguire, Edward R., 147 West 105th street.
 Marks, Charles E., 51 East 67th st.
 Martin, George, 2755 Bainbridge avenue, Fordham.
 Mayer, Henry W., 843 Lexington ave.
 Merz, August, 48 St. Mark's place.
 Moore, Fred. W., 320 East 30th st.
 Neus, Engelbert, 454 East 116th st.
 Newell, Frank, 219 West 104th st.
 Ray, Frank A., 254 West 52d street.
 Reynolds James J., 160 Madison st.
 Richardson, Geo. Burr, 310 West 90th street.
 Robeson Fielding T., 523 Manhattan avenue.
 Rosenwasser, Louis E., 122 Attorney street.
 Ruhl, Henry C., 520 East 141st street.
 Schmuck, Peter, 323 West 39th street.
 Schnepel, John Henry, 265 West 22d street.
 Schnurer, Berthold, 203 East 116th st.

Schum Charles Henry, 256 Third ave.
 Schutz, Samuel M., 129 East 60th st.
 Seitz, Oscar R., 1186 Lexington ave.
 Shilansky Michael, 247 East Broadway.
 Shoenfeld, Leonard B., 1192 Lexington avenue.
 Skerrett, John F., 328 East 84th st.
 Smith, Frederick L., Albany avenue, Kingsbridge.
 Spofford, Henry, 319 West 18th st.
 Stanton, Gilman Shattuck, 43 West 71st street.
 Steinberg, Maurice J., 230 Henry st.
 Stern, Arthur, 55 West 50th street.
 Styles, Clarence N., 172 East 106th st.
 Tenner, Arthur S., 202 West 133d st.
 Thompson, Robert W., 229 West 97th street.
 Timme, Walter, 2 River View Terrace.
 Tucker, Fitz-Henry Fay, 145 West 123d street.
 Turrell, Guy H., 2038 Lexington ave.
 Ulfelder, Sidney, 335 East 65th street.
 Urban, Adolph, Jr., 497 Tenth ave.
 Weinhandler, Sampon Herbert, 319 East 17th street.
 White, John, Jr., 117 East 82d street.
 Willson, Thos. Edgar, Jr., 999 Morris avenue.
 Wolfe, S. Herbert, 48 East 112th st.
 Zabriskie, Edward Cornell, 200 East 20th street.
 Zinke, Louis, 129 West 97th street.

SOPHOMORE CLASS--CLASSICAL COURSE.

Barrett, Sidney H., 121 West 22d st.
 Beaubian, Charles Sumner, 214 West 33d street.
 Boyce, William Edgar, 246 West 31st street.
 Calkins, Hiram, Jr., 147 West 49th st.
 Campbell, Charles J., 134 Henry st.
 Dieckman, Frederick W., 11 West 4th street.

Ehrhorn, Oscar, 215 Ninth avenue.
 Ehrich, Jesse W., 54 West 75th st.
 Friend, Howard Leonard, 58 East 67th street.
 Friesner, Isidore, 206 East 58th street.
 Gage, Brownell, 1139 Madison ave.
 Geyer, Harold Carl, 78 Second street.
 Gilchrist, Alfred Jno., 313 East 85th street.

Green, Leo, 826 Lexington avenue.
 Greenbaum, Samuel William, 431 East 81st street.
 Haas, Arthur C., 56 East 122d street.
 Heimewich, Joseph, 61 Cannon street.
 Heylman, Henry Budelman, 561 Buckhout st., Mt. Hope, N. Y. City.
 Hirsch, William H., 216 Eighth ave.
 Hyman, Julius, 419 East 85th street.
 Judkowitz, Herman, 362 East Houston street.
 Klein, Leo M., 132 East 94th street.
 Knowles, Frank T., 182 East 64th st.
 Kopecky, Francis Anthony, 338 East 73d street.
 Kosmak, George W., 234 East 49th street.
 Lennon, John Frederick, 85 East 7th street.
 Libbey, Allan Ogden, 117 Waverley place.
 Lichtenstein, George Maurice, 145 Willis avenue, New York City.
 Lockhart, Robert John, 330 West 21st street.
 Loewing, Ernest J., 214 Clinton street.
 Meagher, Philip Daniel, 224 East 21st street.

Meyer, Leo Bernard, 2069 Madison avenue.
 Michaelis, Alfred, 53 St. Mark's place.
 Naumburgh Bernard, 124 West 64th street.
 Neuman, Frederick Felix, 604 Lexington avenue.
 Nones, Walter M., 51 East 66th street.
 O'Neill, Charles E., 233 Centre street.
 Paskusz, Benjamin G., 242 East 72d street.
 Pick, Louis, 336 East 70th street.
 Remer, John Wall, 66 West 119th st.
 Rosenbaum, Alexander, 204 West 41st street.
 Rosenberg, Aaron, 204 East 29th st.
 Rundlett, Ernest A., 237 West 14th st.
 Silberstein, Elias, 208 East 70th street.
 Smith, John P., 355 West 17th street.
 Spingarn, Joel E., 118 East 58th st.
 Tracy, Clarence Bartlett, 170 West 121st street.
 Uterhart, Henry Ayres, 552 East 85th street.
 Walsh, Michael R., 331 East 42d st.
 Weichert, Max J., 437 West 13th st.
 Weschler, Jacob C., 240 East 30th st.
 Wiener, Frederick, 1003 Madison ave.

SOPHOMORE CLASS—SCIENTIFIC COURSE.

Beckhardt, Moses, 128th street and Amsterdam avenue.
 Blumenstiel, Edwin, 108 East 79th st.
 Breyer, Alfred, 210 West 104th st.
 Burnett, Henry Winans, 259 West 128th street.
 Cahn, Emanuel S., 161 East 79th st.
 Clarke, Alfred Bancroft, 211 East 11th street.
 Creeden, John F., 346 Third avenue.
 Derleth, Charles, Jr., 585 East 134th st.
 Dewey, John Allen, 81 East 113th st.
 Douglas, John, 145 West 81st street.
 Eckel, Edwin Clarence, 354 West 29th street.

Eising, Eugene H., 6 East 66th street.
 Fowler, Edmund P., 56 West 50th st.
 Fox, David Joseph, 127 East 79th st.
 Frank, Jerome, 112 East 79th street.
 Freund, Charles Joseph, 138th street and Amsterdam avenue.
 Frey, Louis Joseph, 1879 Madison ave.
 Gold, William, 19 Carmine street.
 Goldrich, Leon Wolf, 27 Prince st.
 Griffin, Bradney Beverly, 1007 Washington avenue.
 Gruenthal, Anthony Frank, 311 East 18th street.
 Haas, Leopold F. W., 418 East 85th street.

Hartigan, John T., 71 East 124th st.
 Hartmann, Edward M., 1391 Wash-
 ington avenue.
 Hepp, Henry, 323 West 145th street.
 Herzog, Harry L., 149 East 83d st.
 Kilian, William G., 352 West 33d st.
 Kilmer, Theron Wendell, 9 East 57th
 street.
 Klein, William T., 118 Spring street.
 Koch, Edward G., 243 East 53d st.
 Kupfer, Walter Scott, 123 East 78th
 street.
 Kurz, William F., 166 Allen street.
 Laski, Leon, 271 West 36th street.
 Lefkowitz, David, Hebrew Orphan
 Asylum, 138th street and Tenth ave.
 Levy, Samuel, 742 Third avenue.
 McCaffery, Richard Stanislaus, 316
 East 124th street.
 Manheims, Leo R., 319 East 87th st.
 Martin, Edward J., 436 Lenox ave.
 Of, Charles, 4 Clinton place.
 Oppenheimer, Milton B., 1037 Fifth
 avenue.

Pforzheimer, Arthur, 348 East 124th
 street.
 Pollak, Benjamin, 435 East 56th st.
 Rieder, Arthur E., 146 Delancey st.
 Riederer, Emil J., 145 West 94th st.
 Rosenstein, Walter J., 33 East 63d st.
 Rourke, Cornelius S., 177 East 74th
 street.
 Salant, Henry, 152 Madison street.
 Savage, José R. F., 344 West 123d st.
 Schlockow, Oswald, 154 Avenue C.
 Simonson, George H., 61 East 83d st.
 Simonson, Simon, 244 East 58th st.
 Smith, Henry G., 924 Third avenue.
 Stern, Henry, 1437 Lexington avenue.
 Stiebel, Samuel J., 310 West 103d st.
 Strasburger, Edgar, 240 West 24th st.
 Sullivan, Franklin C., 1054 Ave. A.
 Thompson, Austin, 111 East 82d st.
 Toch, Max B., 57 East 92d street.
 Woolf, Harry J., 138th street and
 Amsterdam avenue.
 Wray, William, Jr., 1883 Vyse ave.
 Wurtz, Lionel, 2149 Seventh avenue.

SOPHOMORE CLASS—SCIENTIFIC COURSE WITH MECHANICS.

Adam, George Aubrey, 2009 Seventh
 avenue.
 Bennett, Thomas A., 174 West 58th st.
 Bjorkwall, Charles Hjalmar, 138 East
 43d street.
 Bogenschneider, Charles Julius, 317
 East 80th street.
 Brandeis, Julian W., 113 East 122d st.
 Gage, Stanley A., 507 West 27th st.

McCormack, Richard F., 5 Morton st.
 Randolph, Willard I. F., 180 West
 59th street,
 Pfeifer, Charles, 198 Avenue B.
 Rodenburg, Charles, 428 West 44th st.
 Rundquist, Emil A., St. Luke's Hos-
 pital, 17 West 54th street.
 Shire, Edward I., 109 East 61st street.
 Smith, Talbot S., Spuyten Duyvil.

FRESHMAN CLASS—CLASSICAL COURSE.

Adelsohn, Jonas, 1679 Lexington ave.
 Adler, William, 419 East 63d street.
 Babcock, Harry, 2083 Fifth avenue.
 Ballin, Nathan, 1283 Columbus ave.
 Baxter, David Elder, 32 West 60th st.
 Benrosch, Abraham, 183 Hester street.
 Boote, Charles William, 362 Willis
 avenue.

Boukofsky, William, 110 West 120th
 street.
 Brennan, James Henry, Marcher ave-
 nue, Highbridge, N. Y.
 Buchenholz, Samuel, 391 East 8th st.
 Burgemeister, Albert William, 300
 East 31st street.
 Burke, John James, 188 Henry street.

Butterfield, Arthur George, 338 West 38th street.
 Cairns, Bayard Snowden, 40 Grove st.
 Cameron, Walter Scott, 730 Ninth ave.
 Christmann, George Joseph, 353 Rivington street.
 Coleman, John Thomas, 326 East 62d street.
 Curtin, Thomas Hayes, 500 Third avenue.
 Davidson, Israel, 110 East Broadway.
 Deignan, James Herbert, 316 West 126th street.
 Deuzer, Morris Raymond, 113 West 130th street.
 Dryfoos, Arthur David, 39 East 64th street.
 Durand, William Charles, 353 West 20th street.
 Ehrhard, William Joselin, 315 East 29th street.
 Elias, Heyman, 204 Delancey street.
 Ewen, John, Spuyten Duyvil.
 Farley, Frank Leo, 231 East 26th st.
 Flaum, Julius Arthur, 156 Rivington street.
 Frees, John F., Jr., 612 East 156th st.
 Freund, William, 57 Mangin street.
 Friedman, Samuel, 311 East 50th st.
 Friedman, Samuel, 128 Willett street.
 Gabriel, Bernard L., 262 Willis ave.
 Gieschen, Albert H., 46 East 124th st.
 Glueck, Emil, Hebrew Orphan Asylum, 136th street and 10th avenue.
 Goldman, Charles, 1 Pike street.
 Goodman, Max, 158 Ridge street.
 Greenberger, Otto, 96 Goerck street.
 Gross, Charles H., 319 East 13th st.
 Grossmann, David E., 349 East Houston street.
 Guion, Clarence Childs, 1383 Washington avenue.
 Guion, Frederic Barnard, 1383 Washington avenue.
 Halpert, Henry, 253 Second street.
 Hamburger, Max Sigmund, 222 East 58th street.

Harrington, Wentworth Lewis, 222 West 23d street.
 Heymann, Everett Bernard, 134 East 80th street.
 Hollander, Edward, 182 Ludlow st.
 Hull, Edward Seabrook, Jr., 101 Lexington avenue.
 Hunter, George William, Jr., 140 East 29th street.
 Josephs, Charles S., 111 Lenox ave.
 Kilmer, Clarence Broughton, 9 East 57th street.
 Klotz, Walter C., 42 East 22d street.
 Krowl, Harry Cates, 213 West 104th street.
 Kuhn, Arthur K, 32 West 84th street.
 Lester, Florence William, 410 East 50th street.
 Lewis, Nathaniel Henry, 85 Attorney street.
 Liebling, James, 143 East 57th street.
 Lörincz, Simon, 642 East 5th street.
 Lurye, Henry Israel, 231 Broome st.
 McAdam, Edward Wallace, 308 West 20th street.
 McCabe, James Thomas, 530 West 42d street.
 McFarland, David Elmer, 35 Clinton place.
 McKnight, George Edward, 208 East 70th street.
 Mahoney, Jeremiah Titus, 117 East 89th street.
 Marcus, Leopold, 1161 Park avenue.
 Mayer, Edward Simon, 640 Lexington avenue.
 Menline, Isaac, 356 East 69th street.
 Meyers, Sidney Simon, 110 East 92d street.
 Minkowsky, Adolph Mitchell, 307 East 6th street.
 Mohr, Albert Gustave, 17 Bedford st.
 Mott, Joshua Mors, 67 East 77th st.
 Neill, John Campbell, 128 West 100th street.
 Newman, Edward David, 349 East Houston street.

Obermeier, Leonard Jerome, 155 East 55th street.	Shattuck, Raymond Wilbur, 352 West 22d street.
O'Flaherty, James Joseph, 215 West 115th street.	Smith, James Gilmore, 251 West 127th street.
O'Grady, Cornelius Edward, 1062 Forrest avenue.	Smith, Oliver, 460 West 44th street.
Payne, George Henry, 127 Madison street.	Slawson, Loton Horton, 355 Lexington avenue.
Popper, William, 884 St. Nicholas ave.	Spurr, Harry Blin, 52 East 116th street.
Pressprich, Reginald William Grant, 411 West 154th street.	Stark, Meyer, 87 Baxter street.
Putney, Edmonds, 110 West 73d st.	Stewart, Harrie Odell, 167 West 34th street.
Rathkowsky, Gustavus Adolphus, 104 East Broadway.	Stiefel, Otto August, 1377 Lexington avenue.
Rauh, Herbert Samuel, 54 East 73d street.	Sturtz, Samuel, 482 Grand street.
Reich, Sigmund, 7 Avenue B.	Utter, Francis Asbury, 103 West 71st street.
Ross, George, 346 West 19th street.	Voorhees, Henry Belin, Spuyten Duyvil.
Schnaper, Edward, 691 Second ave.	Wechsler, Martin, 153 Suffolk street.
Semken, George Henry, 763 Sixth avenue.	Weichert, Arnold Ernst, 437 West 13th street.
Shattuck, Frederic Grant, 352 West 22d street.	

FRESHMAN CLASS—SCIENTIFIC COURSE.

Adler, Maximilian L., 163 Henry st.	Ellison, Elliot Jacob, 1893 Madison avenue.
Bliss, Franklin, 959 Park avenue.	Enthal, Jonas, 215 East 2d street.
Blondel, Ransom, 548 Mott avenue, corner 149th street.	Farrington, Robert M., 613 East 140th street.
Boehm, George N., 130 East 78th st.	Fernbach, Walter M., 228 East 61st st.
Bowman, Leon, 108 East 73d street.	Finesilver, Louis, 134 East Broadway.
Bowsky, Hermann, 254 East 49th st.	Fisher, Henry, 108 East 70th street.
Boye, William, 524 East 12th street.	Fogazzi, Alphonse J., 65 Thompson street.
Brussel, Herbert, 18 East 81st street.	Foulk, Enos Victor, 58 Monroe st.
Candler, Joseph, 209 East 34th street.	Frank, Philip, 202 East 7th street.
Clarkson, Jay Herrick, 48 East 66th street.	Gartensteig, Moses, 215 East 71st st.
Coleman, Nathan, 128 West 21st st.	Gierisch, George John, 935 East 137th street.
Curtis, Harry J., 142 East 36th street.	Godwin, George Gedney, Bailey avenue, Kingsbridge.
Daly, David Raymond, 188 Lexington avenue.	Goldberg, Louis A., 316 East 116th street.
Dillenberg, Joseph S., 325 East 62d street.	Goldberger, Joseph, 102 Pitt street.
Eisner, Jerome, 5 Mitchell place, East 49th street.	

Goldman, Samuel Perry, 312 East 43d street.
 Goldmark, Carl, 150 East 63d street.
 Goodhart, William A., 1148 Park ave.
 Graham, John J., 543 East 85th st.
 Hamilton, Joseph Harry, 2½ Charles street.
 Harper, John Ferguson, 9 East 59th street.
 Harris, James Elbert, 2414 Second ave.
 Heineman, Walter S., 225 West 130th street.
 Hess, Arthur Max, 117 East 72d st.
 Hubler, Samuel, 168 Mulberry street.
 Isaac, Benjamin J., 138th street and Amsterdam avenue.
 Jaffer, Louis Albert, 219 Madison st.
 Jeselson, Alfred, 160 East 80th street.
 Johnston, Frederick Alvord, 40 West 59th street.
 Joseph, J. C., 164 East 78th street.
 Kelly, Olaf M., 16 East 29th street.
 King, Elbert Wilson, 586 East 136th street.
 Kreisler, David, 642 Third avenue.
 Lambert, Louis L., 94 East 114th st.
 Langer, Samuel, Hebrew Orphan Asylum, 138th street and 10th ave.
 Lewis, Maurice B., 235 Division st.
 Lippincott, Arthur Horton, 230 West 76th street, corner Boulevard.
 Lissberger, Benjamin, 118 East 60th street.
 Litter, Ferdinand Joseph, 176th street and Anthony avenue.
 Loos, Hermann, 119 East 115th street.
 Ludwig, Augustus, 299 Seventh ave.
 MacMullen, Charles W., 521 West 161st street.
 McSorley, Edward Francis, 414 Tenth avenue.
 Mack, Mortimer Clarence, 124 West 78th street.
 Martin, Albert R., 227 East 115th st.
 Martin, Thomas Aloysius, 436 Lenox avenue.
 Mandell, Gustav K., 132 East 82d st.

Meding, Stewart Murray, 132 West 126th street.
 Meyer, Albert S., 157 West 126th st.
 Meyers, Herbert E., 342 West 28th st.
 Miller, Albert, 156 Rivington street.
 O'Connor, Charles Henry, 338 East 55th street.
 Pollak, Rudolph Raphael, 210 Lenox avenue.
 Poznanski, Walter, 232 East 51st st.
 Roberts, John Stacey Victor, 1599 Lexington avenue.
 Robinson, Franklyn Whittman, 620 East 135th street.
 Robinson, John Alexander, 353 West 46th street.
 Rosenbaum, William, 453 East 122d st.
 Rosett, Max, 197 Stanton street.
 Saunders, George Crosby, 104 West 92d street.
 Schafransky, Leo, 1644 Madison ave.
 Scheider, Louis Bernhard, 187 East 64th street.
 Schwartz, Walter, 77 East 111th st.
 Schwarz, Herman, 441 East 118th st.
 Seitz, Walter Robert, 1186 Lexington avenue.
 Shaw, William Robert, 1023 Third avenue.
 Sinn, Bernhard Albert, 171 East 70th street.
 Smith, Charles Benjamin, 251 West 127th street.
 Smith, Joseph Edward, 198 Alexander avenue.
 Spahr, Edward, 337 East 68th street.
 Steiger, Ernest Herman, 715 Lexington avenue.
 Stern, Abraham, 55 West 50th street.
 Stern, Leo, 359 Pleasant avenue.
 Sundheimer, William, Madison Avenue Hotel, corner 58th street.
 Swanson, William Hagerman Keefen, 247 West 13th street.
 Tombo, Rudolf, 306 East 52d street.
 Townsend, John, 252 West 45th street.
 Turner, Reeve, 129 East 29th street.

Van Holland, Charles, Jr., 349 East 83d street.
 Van Houten, Harry J., 257 West 4th street.
 Van Loan, Joseph Thompson, 30 West 123d street.
 Van Orden, Archibald Stark, 606 East 136th street.
 Van Praag, Harry Leon, 228 West 130th street.
 Wechsler, Walter Mortimer, 107 East 65th street.

Weil, Alfred, 172 East 94th street.
 Weisl, Henry, 349 East 62d street.
 Werdenschlag, Arthur, 140 West 48th street.
 White, Peter John, 511 Third avenue.
 Wilken, Carl Frederick, 176 West 105th street.
 Willner, Herman Maurice, 74 Canal street.
 Wolfson, Albert, 128 East 56th street.
 Wright, Alfred Ambrose, 163d street and Sheridan avenue.

FRESHMAN CLASS—SCIENTIFIC COURSE, WITH MECHANICS.

Agnew, Cyrus F., in care of M. A. Rushworth, 182 Seventh avenue.
 Allen, William Cremer, 326 West 36th street.
 Allmuth, Frank Aloise, 161 East 72d street.
 Anderson, Arthur C., 74 Fifth ave.
 Appel, Israel, 391 Grand street, East.
 Benham, John Alexander, 69 East 114th street.
 Bing, Leo Simon, 71 East 77th street.
 Bishop, Reed R., 345 West 48th st.
 Bloomberg, Harry, 375 East 176th st.
 Blumenthal, Joseph, 52 East 75th st.
 Boyer, Wilbur Sarles, 321 West 85th street.
 Brown, Homer Cary, 211 West 122d street.
 Bruning, John M., 1611 Avenue B.
 Burden, Wesley Warner, 210 East 52d street.
 Cahm, Charles Blum, 1185 Lexington avenue.
 Clarkson, Frank Jackson, 48 East 66th street.
 Cook, Edwin, Spuyten Duyvil.
 Cordier, Chas. Xavier, Jr., 163 East 72d street.
 Coshland, Leopold Bernard, 162 East 114th street.
 Darling, Frank Washington, 314 West 19th street.

Elgar, James, 269 West 71st street.
 Feltenstein, Moses, 91 Canal street.
 Galicenstein, Clarence, 129 West 132d street.
 Glenk, J. Wesley, 320 East 55th st.
 Harper, William Gair, 9 East 59th st.
 Helmer, N. Arthur, 148 East 30th st.
 Herschman, Carl William, 163 East 63d street.
 Hirsch, I. Henry, 413 East 118th st.
 Hlavac, Joseph, 1329 First avenue.
 Hollander, Arthur, 47 East 123d st.
 Hudson, Wilbur G., 73 West 131st st.
 Lampe, Christian, 102 East 105th st.
 Levine, Max, 95 East Broadway.
 Loewy, George J., 405 East 87th st.
 Lucke, Charles Edward, 270 West 96th street.
 McClelland, James Bruce, 332 West 59th street.
 McConnell, Robert H., 23 West 130th street.
 McLean, John Malcolm, 243 West 37th street.
 Madden, John Henry, 308 West 30th street.
 Man, William Squire, 19 West 10th street.
 Marrin, Edward Spellman, 344 East 31st street.
 Marshall, William Frarer, 74 West 46th street.

Martin, Harold Metcalf, 311 West 101st street.
 Mehrtens, Henry E., 280 Third ave.
 Morrison, Herb rt Hunt, 118 West 87th street.
 Nagel, John, 353 West 16th street.
 O'Reardon, Ignatius, 229 East 18th st.
 O'Ryan, John F., 1199 Fulton avenue.
 Raphaer, Asher David, 81 Elizabeth st.
 Rice, Herbert, 122 West 129th street.
 Rice, Robert, 122 West 129th street.
 Richtberg, Hermann Andrew, 205 West 41st street.
 Roche, George Edward, 163 East 73d street.

Ruzicka, Frank, 427 East 63d st.
 Soulé, William Manuel, 427 Amsterdam avenue.
 Tarler, Abraham Lincoln George, 425 East 116th street.
 Tompkins, Edward DeVoe, 632 West End avenue.
 Thompson, George Russel, 240 East 34th street.
 Tucker, Beverly, 145 West 123d st.
 Valk, Francis Marion, 163 East 37th street.
 Van Note, Edwin Maurice, 911 Seventh avenue.
 Wolf, Clifford A., 261 West 134th st.

SUB-FRESHMAN CLASS—CLASSICAL COURSE.

Abbott, Renwick W., 336 West 30th street.
 Alexander, Bernhard, 33 Pitt street.
 Alexander, Lewis, 174 East 70th st.
 Altman, Emil, 314 East 3d street.
 Andrews, Harold Alfred, 329 West 31st street.
 Anspacher, Abraham S., 248 East 74th street.
 Anspacher, Louis K., 18 East 119th street.
 Armstrong, Herbert Newton, 240 7th street.
 Asch, Benjamin, 770 Lexington ave.
 Bárdos, Coloman, Jr., 402½ Grand st.
 Barit, Samuel, 188 Madison street.
 Barrett, Clarence, 127 West 130th st.
 Basch, Louis M., 309 East 74th street.
 Bastine, Charles W., 112 East 19th st.
 Bedford, Edward W., 20 East 111th street.
 Benjamin, Max, 2367 Third avenue.
 Berger, Benjamin, 226 East 2d street.
 Berryman, Joseph, 452 West 47th st.
 Bick, Joseph Frank, 1016 2d avenue.
 Biele, Carl Frederick, 544 East 164th street, near Morris avenue.
 Blum, Edward Isaac, 1005 Madison avenue.

Boyd, Clarence Darmat, Sedgwick Park, Fordham Heights.
 Briner, Emil Amandus, 620 Lexington avenue.
 Brouner, Elmer R., 72 Horatio street.
 Buckbee, Charles, Webster ave., bet. 178th and 179th streets.
 Campbell, Walter J., 166th street and Audubon avenue.
 Candler, John R., 209 East 34th st.
 Carniencke, Albert G., 412 West 23d street.
 Celler, Herbert L., 153 East 72d st.
 Clark, Herbert William, 1266 Boston avenue.
 Clarke, Robert A., 657 Western Boulevard, 11th avenue.
 Cleland, Harry E., 305 West 51st st.
 Coleman, William A., 848 Lexington avenue.
 Conklin, William Rowe, 249 West 54th street.
 Corse, Arthur William, 77 Morton st.
 Crampton, Charles W. G., 256 West 121st street.
 Crosby, James Alexander, 72 East 87th street.
 Cunningham, William John, 507 East 140th street.

Curtis, Adrian T. J., 142 East 36th st.
 Davies, Thomas Franklin, 130 East 96th street.
 Davis, Herbert A., 336 West 48th st.
 Deady, Charles Percy, 252 East 68th street.
 Deane, Parker, 67 Bank street.
 Dreyfus, Frederick Jonas, 45 East 92d street.
 Dryfoos, Walter, 39 East 64th street.
 Duncan, Charles B., 305 West 20th st.
 Dunphy, James Walter, 5 Madison st.
 Dwinell, George Washington, 51 Jane street.
 Dwyer, Joseph Aloysius, 430 West 147th street.
 Dyer, Rodriguez Statia, 24 Christopher street.
 Ehrenreich, Bernard Charles, 316 Stanton street.
 Ehrich, Manfred, 54 West 75th street.
 Eichler, Philip, 338 East 118th street.
 Elliott, Maxwell Hall, 10 West 127th street.
 Ellison, Millard H., 175 East 79th st.
 Forden, Charles, 566 Lexington ave.
 Fox, S., 345 Spring street.
 Frank, Isaiah, 347 East 49th street.
 Frank, Maurice, 27 Sutton place.
 Franklin, Wm. Kernan, 95 Greenwich avenue.
 Frost, Albert D., 54 East 130th street.
 Gault, John, 272 West 117th street.
 Geoghegan, Walter F., 2130 Seventh avenue.
 Gilbert, Blace E., N. E. cor. Amsterdam avenue and 157th street.
 Ginsberg, Isidore I., 111 Eldridge st.
 Glass, Montague, 114 West 125th st.
 Goldberg, Abram, 29 Norfolk street.
 Greenbaum, Max, 354 E. Houston st.
 Guggenheimer, Charles S., 16 East 81st street.
 Hahn, Joseph, 152 Attorney street.
 Hamilton, Samuel Alex., 455 West 50th street.
 Hanson, Frank R., 117 Second ave.
 Hays, Martin, 104 East 81st street.
 Harrington, James Taylor, 222 West 23d st.
 Harris, Marx, 63 Monroe street.
 Hecht, Reuben, 38 West 51st street.
 Hoffman Samuel, 183 Delancey street.
 Hogencamp, William S., 113 West 129th street.
 Hollander, Irving Washington, 236 West 129th street.
 Hubschmitt, Adam W., 408 East 52d street.
 Hunt, Frederick Lincoln, 332 West 59th street.
 Isaacs, Lewis M., 110 East 73d street.
 Jacobs, Arthur David, 3 Eldridge st.
 Jacoby, Victor Emanuel, 45 Convent avenue.
 Jameson, Chas. Baring, 74 West 132d street.
 Jarmulowsky, Henry, 102 East 60th street.
 Jasper, Joseph Harper, 128 West 123d street.
 Jones Wilbur Minard, 902 East 138th street.
 Keane, Arthur, 706 East 142th street.
 Kelly, Addison Wylie, 138 West 127th street.
 Kempner, Meyer, 323 East Houston street.
 Kennedy, John S., 202 West 84th st.
 Kenney, Edward Joseph, Jr., 90 Broome street.
 Klein, Jacob, 94 First street.
 Klein, Louis, 212 Second street.
 Kneuper, George Martin, 371 Grand street.
 Knoepfel, Harold C., 594 East 141st street.
 Knorr, Charles W., 3612 Third ave.
 Knox, Herbert Allan, 571 Mott ave.
 Levy, Henry, 727 East 5th street.
 Levy, William, 318 East 116th street.
 Lewine, Lester, 813 Lexington avenue.
 Lewis, Meyer H., 85 Attorney street.
 Lithgow, Howard Crosby, 41 King st.

- McCague, James Alexander, 155 East 21st street.
- McCafferty, John Aloysius, 754 Park avenue.
- McElroy, John Bernard, 6 St. Luke's place.
- Mackellar, Henry E., 181 Lenox ave.
- McKeon, Thomas Joseph, 2515 Eighth avenue.
- Martin, Norman, 786 East 142d street.
- Marx, Arthur, 25 East 73d street.
- Mason, Walter, 315 West 58th street.
- Mathews, William Francis, 69 Columbus avenue.
- May, Peter, 14 Allen street.
- Mayers, Jacob, 136th street and Amsterdam avenue.
- Michel, Samuel Murray, 246 East 51st street.
- Milbank, Montgomery Nichols, 154 West 48th street.
- Morse, Sidney E., 16 West 95th street.
- Moritz, Sidney Milford, 136th street and 10th avenue.
- Moschcowitz, Eli Alexis, 42 West 44th street.
- Murray, Hugh C., 530 West 42d st.
- Nelson, Isaac, 1139 Madison avenue.
- Newman, Pinkus, 262 Second street.
- Niemeier, Frederick Windsor, 146 St. Ann's avenue.
- Noll, Vincent, 301 East 73d street.
- Nordlinger, Sidney, 134 East 82d st.
- O'Connor, James, 756 East 175th st.
- O'Connor, John Thomas, 756 East 175th street.
- Orcutt, Cevendra Blake, 427 West 57th street.
- Penney, Clarence John, 212 East Broadway.
- Plousky, Samuel Edward, 50 West 88th street.
- Plumb, Tracy B., 139 West 15th street.
- Pooley, Octavius, 107 Madison ave.
- Pratt, Francis Ormond, 266 West 40th street.
- Price, Nathan, 130 Columbia street.
- Rhoads, Schuyler Cutter, 53 West 130th street.
- Rochemowitz, David William, 191 Rivington street.
- Rosenbaum, Isidore, 393 East Houston street.
- Rosett, Louis, 183 Stanton street.
- Rosensohn, William, 49 Eldridge st.
- Ryan, John Paul, 339 East 25th st.
- Scherr, Emile W., 2014 Seventh ave.
- Schlueter, Edward H., 97 Willett st.
- Schoedel, Frederick, Jr., 136 First avenue.
- Schwartz, Samuel E., 23 Avenue A.
- Schwarzkopf, John, 167 East 94th st.
- Seaman, Robert R., 108 West 13th st.
- Sladovnik, Charles, 305 East 46th st.
- Smith, Julian P., Spuyten Duyvil.
- Smith, Robert W., Jr., 25 West 129th street
- Smith, Ward W., 139 West 128th st.
- Sobel, Joseph, 113 Seventh street.
- Solomon, Samuel, 161 Henry street.
- Sommerich, Otto C., 572 Park ave.
- Spiegel, Max, 317 East 30th st.
- Spingarn, Arthur, 118 East 58th st.
- Steinert, Harry, 221 East 53d street.
- Stern, Paul, 183 Orchard street.
- Stewart, Robert William, 123 West 11th street.
- Stuart, Edward Preston 200 East 10th street.
- Sugarman, Solomon C., 140 East Broadway.
- Sullivan, Arthur L., 1054 Avenue A.
- Sutorius, F. Alexis, 39 Whitehall st.
- Tannenbaum, Samuel A., 56 Sheriff street.
- Thellusson, Charles F., 204 Elm st.
- Turner, Thomas R., 426 West 29th st.
- Vandegrift, George W., 277 Henry st.
- Vaughney, Joseph, Jr., 204 East 65th st.
- Vermilyea, James Hewitt, 696 Greenwich street.
- Vollbracht, Robert, 674 East 144th st.
- Waldman, Henry, 168 Rivington st.

Walker, Robert Jas., 104 East 54th st.
 Weil, Harry, 22 East 91st street.
 Weiss, Bernard, 642 5th street.
 Weiss, Jacob, 369 East Houston st.
 Werner, Jacob, 12 East 93d street.
 Wheeler, Ernest E., 42 West 95th st.
 Whitney, Marshall L., 158 East 115th street.

Wiggers, August F. A., Jr., 876 East 161st street.
 Williams, William H., 152 East 49th street.
 Wolff, Berthold, 116 East 76th street.
 Wurthmann, Henry, 431 East 80th st.
 Zimmerman, Louis, 542 Fifth street.

SUB-FRESHMAN CLASS—SCIENTIFIC COURSE.

Adams, Francis Alexandre, 79 West 91st street.
 Alexander, Jerome, 147 East 62d st.
 Alexander, Marcus A., 2109 Seventh avenue.
 Anderson, Andrew, Jr., 3265 Third avenue.
 Anderton, Stephen P., 257 West 113th street.
 Arendt, Morton, 42 West 126th street.
 Arteaga, Julio F., 307 West 28th st.
 Bedell, Walter E., 223 West 131st st.
 Beggs, William H., 306 West 29th st.
 Beil, Charles L., 88 Fourth avenue.
 Bernstein, Abraham, 151 Ridge street.
 Bernstein, Eugene Paul, 227 East 116th street.
 Bernstein, Harold D. F., 577 Western Boulevard.
 Beyer, Emil C., 519 East 118th street.
 Biehn, Martin J., 245 West 24th st.
 Bijur, Samuel, 46 East 73d street.
 Birnie, John R., 155 Worth street.
 Bitterman, Samuel, 401 Eighth street.
 Broderick, Frank A., 531 East 118th st.
 Burke, Martin J., 316 East 82d street.
 Carlson, Oswin D., Inwood-on-Hudson.
 Chankin, Joseph, 165 Norfolk street.
 Clark, George M., 608 East 136th st.
 Coffin, Francis S., 75 West 124th st.
 Cohen, Moses, 4 Norfolk street.
 Constantine, Thomas S., Jr., 853 East 163d street.
 Cook, James Lorimer, 140 West 123d street.

Cook, Laurens A., 152 East 71st st.
 Cosgrove, Cornelius Bernard, 158 East 108th street.
 Dailey, Washington, 246 East 23d st.
 Danzig, Alfred I., 118 East 62d st.
 Davis, Goodman, 88 West 89th street.
 Deaney, Pelissier Hugh, 162 East 48th street.
 Duane, James Chatam, 589 East 134th street.
 Dubosch, Charles Alexander, 347 East 9th street.
 Duke, Walter Alfred, 429 West 22d st.
 Dwyer, Thomas Augustine, 413 East 78th street.
 Ehrenreich, James J., 48 East 74th st.
 Ehrhard, Louis, 357 East 19th street.
 Ehrsam, Rudolph Herman, 1117 Second avenue.
 Falck, Albert, 29 East 132d street.
 Feinberg, Aaron, 76 Mott street.
 Feinberg, Henry G., 165 Broome st.
 Ferdinand, Herman, 100th street and West End avenue.
 Fernbach, Robert Ludwig, 228 East 61st street.
 Fox, Leo Harry, 38 West 97th street.
 Gamble, Samuel Leslie, 537 West 142d street.
 Gandolfo, Joseph Harrington, 52 West 9th street.
 Gans, Moses Joseph, 411 East 51st st.
 Gehorsam, Ernest, 168 East 108th street.
 Geoghegan, Joseph, 2130 Seventh ave.
 Gershel, Milton, 173 East 75th street.

Glover, John Henry, 1708 Amsterdam avenue.
 Gogerty, John. 223 East 24th street.
 Goldbacher, Edward, 109 West 131st street.
 Goldberg, Isaac, 118 West 122d st.
 Goodman, Abraham, 86 Hester street.
 Gordon, Frederick Bianchi, 245 West 132d street.
 Gove, Erdine Townsend, 67 East 105th street.
 Graff, Arthur Stanley, 358 West 51st street.
 Greenwood, Benjamin, 197 Second avenue.
 Griffith, William Elmont, 170 West 96th street.
 Gross, Bernard, 95 East Broadway.
 Hahn, Walter M., 383 Eighth street.
 Harris, William Henry, 318 West 42d street.
 Hartman, William Lewis, 333 Stanton street.
 Heath, Frank, Jr., Governor's Island.
 Heil, Joseph, 63 East 127th street.
 Heller, Edward, 344 East 52d street.
 Helstein, Ira Isaac, 684 Lexington avenue.
 Heuer, Wm. C., 725 Eighth avenue.
 Holden, Charles E., 17 West 132d st.
 Holmes, Edwin M., 234 West 104th street.
 Homburger, Lionel M., 430 East 51st street.
 Howland, Charles F., 41 East 132d st.
 Hussey, William, 212 East 30th st.
 Hutchinson, Frank J., 115 East 24th st.
 Hyams, Penno, 938 First avenue.
 Hyman, Frank, 136th to 138th street and Amsterdam avenue.
 Jackson, Geo. Percival, 202 West 105th street.
 Jacobowitz, Louis, 138th street and 10th avenue.
 Jeroloman, John, Jr., 258 West 34th street.
 Judson, Charles Y., 302 West 83d st.

Kafka, Fred. P., 1054 Avenue A.
 Kahn, Max, 221 East 60th street.
 Kasner, Edward, 130 Henry street.
 Keller, Adam E., 342 East 122d st.
 Kelly, Columba L., 524 East 119th st.
 Kelly, Wm. V., 170 West 95th st.
 Kervan, Charles M., 313 Lenox ave.
 Kirk, Charles J., 1109 Washington avenue.
 Klein, Israel, Tenth avenue, between 136th and 138th street.
 Koch, Fred, 847 Amsterdam ave
 Kridel, Alexander H., 15 East 77th st.
 Kronacher, Joseph, 189 Hudson street.
 Kroyer, Wallace A., 437 East 85th st.
 Krumenauer, August, 409 West 41st street.
 Kues, George A., 534 East 82d street.
 Laureigh, Charles A., 2068 Madison avenue.
 Laun, Albert C., 270 West 4th street.
 Lawyer, Louis R., 342 West 32d street.
 Lee, James T., 235 East 124th street.
 Lese, Frederick, 106 East 54th street.
 Levine, Abraham, 64 Rutgers street.
 Levy, Alfred, 246 East 60th street.
 Lippe, Adolph, 423 East 116th street.
 Loasby, Arthur W., 252 West 133d st.
 Loucheim, Jerome S., 133 West 125th street.
 Lowinson, Charles, southwest corner 114th street and Pleasant avenue.
 Loewenthal, Eugene, 127 East 84th st.
 Lowenthal, David, 50 West 85th st.
 Lyon, Palmer, H., 72 West 92d st.
 McGuire, Clarence K., 104 Bank st.
 Mackie, Henry J. G., 553 West 159th street.
 Marks, Louis, 230 East 68th street.
 Marks, Solomon B., 407 East 63d st.
 Mayer, F. W., 62 East 92d street.
 Mayer, Lothair, 124 East 62d street.
 McKeena, Cornet J., 173 West 95th st.
 Metz, Walter R., 130 East 70th street.
 Miller, Emile T., 191 Waverly place.
 Minski, M., 119 Orchard street.
 Montross, J. Traver, 71 West 131st st.

Moore, Arthur T., 320 East 30th st.
 Morris, Daniel Henry, 204 East 72d st.
 Musgrave, Edward J., 104 West 103d street.
 Nagle, Peirre M., 220 West 10th st.
 Nathans, Thomas A., 156 East 94th st.
 Nelson, Clare, 1139 Madison avenue.
 Newman, Eugene, 101 East 80th st.
 Of, George Ferdinand, 965 East 165th street.
 Oliver, Edgar E., 76 East 115th street.
 Oppenheim, Jesse, 233 East 86th st.
 Oppenheimer, John H., 442 West 57th street.
 Pannes, Hans, 517 West 158th street.
 Phillips, Meyer H., 189 Clinton street.
 Pokorny, Rudolph C., 1383 Ave. A.
 Porcher, L. B., 226 West 121st street.
 Porter, Raymond S., 120 West 97th st.
 Posner, Lewis S., H. S. G. S., 151st street and Eleventh avenue.
 Raunheim, Arnold S., 50 East 79th st.
 Reichert, John J., 284 West 127th st.
 Reinhardt, George F., 114 East 82d st.
 Rippe, Morris L., 29 Division street.
 Rosenberg, Charles, 16 East 111th st.
 Rosenstein, Ernest, 33 East 63d st.
 Ross, Meyer, 95 East Broadway.
 Ross, Samuel, 95 East Broadway.
 Sadofsky, Isaac, 60 Mulberry street.
 Sampter, Leo C., 24 West 126th st.
 Schlosser, Jacques, 301 East 26th st.
 Schlecht, Walter W., 446 East 57th st.
 Schmittberger, William G., 526 East 173d street.
 Schneider, George W., 610 West 47th street.
 Schoenfeld, Jacob, 286 East 4th st.
 Schroeder, Horatio S., 37 West 128th street.
 Schworer, John, 206 Avenue A.
 Shannon, James F., 131 Monroe st.
 Shrier, Albert F., 325 East 3d street.
 Sills, J. Stanley, 240 West 45th street.

Sindelar, Charles, 1506 Avenue A.
 Smallen, Hugh J., 352 College ave.
 Sparkman, Frederic W., 100 East 123d street.
 Spingarn, Henry J., 118 East 58th st.
 Spoehrer, Jr., Hermann, 472 Second avenue.
 Stewart, Robert A., 59 West 9th st.
 Strobel, August C., 2310 First ave.
 Strobel, Walter E., 164 West 105th st.
 Ten Eyck, Frank H., 172 Alexander avenue.
 Treat, Albert W., 227 West 49th st.
 Truckenbrodt, Lewis, 222 East 75th street.
 Valentine, Harold M., 203 West 103d street.
 Van Brakle, John O., 252 West 133d street.
 Van Praag, Frank W., 132 West 98th street.
 Villmo, Frederick G., 314 West 49th street.
 Wachenheim, Edgar, 38 East 126th st.
 Wandling, Elliott C., 775 Lexington avenue.
 Watts, John W., 4 West 18th street.
 Wechsler, Samuel, 153 Suffolk street.
 Weeks, Raymond D., 227 West 135th street.
 Welhum, Delafield B., 315 East 20th street.
 Weil, Abraham, 514 Third avenue.
 Weil, Isidore, 235 East 68th street.
 Weill, Emanuel, 344 East 52d street.
 Weinberg, Alexander, 220 West 128th street.
 Wiedeman, Edward, 151 East 86th st.
 Wieler, Abraham, 222 Henry street.
 Wiener, J. Israel, 572 Ninth avenue.
 Wright, Charles C., 251 West 43d st.
 Zevie, Charles, 72 Division street.
 Zevie, Simon, 72 Division street.
 Zulzer, Emil W., 217 E. 70th street.

SUB-FRESHMAN CLASS—SCIENTIFIC COURSE, WITH MECHANICS.

- Allmuth, Alfred, 161 East 72d street.
 Andrews, Alfred Carpenter, 48 Jane street.
 Baumann, Richard John, 228 East 52d street.
 Beals, Henry Warren, 36 West 130th street.
 Bell, Clarence Frank, 1204 Boston ave.
 Beyer, Emil, 1441 Avenue A.
 Blan, Horace Bernard, 210 East 82d street.
 Blank, Jesse Berthold, 131 East 123d street.
 Brustlein, Charles Henry, 108 Lexington avenue.
 Budenbach, Theodore Oswald, 420 West 43d st.
 Bulwinkle, George Bernard, 89 West 7th street.
 Carlock, Bernardo Francis, 1712 Park avenue.
 Carlson, Carl Oscar, 1867 Park ave.
 Cassidy, Frank Aloysius, 506 West 156th street.
 Cohen, Charles, 47 Franklin street.
 Crandell, Paul Morgan, 47 West 126th street.
 Crawford, William Francis, 344 East 21st street.
 Crome, William Henry, 219 Ninth avenue.
 Davis, Edward P., 65 East 78th st.
 Deutsch, Samuel L., 1185 Madison avenue.
 Delahanty, Richard J., 13 Peck slip.
 Dellett, John E., 706 East 158th st.
 Dithridge, Edward L., 44 Lorillard st.
 Doob, Mork M., 419 East 61st street.
 Drewes, Henry D., 141 Bank street,
 Dreyer, William C., 561 Broome st.
 Drucker, Henry M., 1030 Park ave.
 Eardley, John, 73 East 54th street.
 Ferris, G. J., 89 Dey street.
 Fetherston, John T., 72 West 19th st.
 Flanagan, Edward, 19 West 98th st.
 Fox, John J., 214 West 60th street.
 Frees, Jacob J., 612 East 156th street.
 Fried, Emil, 451 East 57th street.
 Friedman, Jacob, 31 Allen street.
 Galewski, David, 170 Henry street.
 Goldberg, Lazarus, 316 East 116th st.
 Goodman, Joseph, 611 East 6th street.
 Granbery, George P., 201 West 122d street.
 Gross, Jerome, 95 East Broadway.
 Gust, Henry E., 96 East 4th street.
 Gutwillig, Louis, 221 East 71st street.
 Hagan, Joseph Edward, 306 West 103d street.
 Halpin, John Thomas, 422 West 18th street.
 Handloser, Robert Carl, 314 East 119th street.
 Hanus, Gustavus Ansley, 1972 Seventh avenue.
 Hargrave, George E., 329 Eighth ave.
 Harrison, Stephen M., 156 East 61st street.
 Hartmann, Frederick, 709 Columbus avenue.
 Hayward, Charles B., West 157th street and 10th avenue.
 Henry, Edward William, 87 Henry st.
 Herbst, Samuel, 140 East Broadway.
 Hergert, Peter, 339 East 38th street.
 Heydt, Charles Ernest, 221 West 43d street.
 Hoffman, Marks, 118 Orchard street.
 Holahan, Joseph A. M., 137 East 55th street.
 Holling, Henry William, 324 West 40th street.
 Holmes, George Frederick, 145 West 16th street.
 Hosch, Robert F. W., 614 East 16th street.
 Houston, Benjamin F., 55 West 128th street.
 Hudson, John Henry, Jr., 171 West 10th street.

Hunt, George Pirdy, 81 West 87th st.
 Irving, Walter Floy, 264 West 130th street.
 Jais, Edward D., 103 East 11th street.
 James, William Scott, 79 West 12th st.
 Jensen, Henry Martin, 335 Tenth ave.
 Koch, Richard, 128 East 63d street.
 Kolman, Anton, 716 East 164th st.
 Korthauer, Arthur Pelham, 72 West 92d street.
 Kossowski, Edward, 513 West 19th st.
 Levin, Harry, 35 Orchard street.
 Levy, Norman, 521 East 119th street.
 Lippe, John L., 423 East 116th street.
 McDowell, Alex. H., 457 West 21st st.
 McGuire, Joseph A., 744 East 9th st.
 Maeder, Fred'k J., 2352 Second ave.
 Marrenner, Donald M., 117 East 86th street.
 Martin, Francis W., 322 West 47th st.
 Martin, Herbert C., 223 West 49th st.
 Mattison, Henry C. K., 38 West 130th street.
 Meckauer, Monroe, 116 Eldridge st.
 Meinken, Henry, 314 West 34th st.
 Mitchell, Alexander M., 239 West 105th street.
 Murphy, John J., 699 East 145th st.
 Nathan, Arthur J., 816 Lexington ave.
 Newburger, Isidore, 438 East 57th st.
 Newell, D. Crosby, 421 West 23d st.
 Newman, Allen G., 263 West 71st st.
 Nichols, Harry D., 18 West 130th st.
 O'Connor, Timothy J., 446 Cherry st.
 Oliver, Anthony J., 861 East 134th st.
 Park, Stephen F., 260 West 12th st.
 Petersen, August H., 434 East 89th st.
 Peyser, Harry, 225 East Broadway.

Platz, George, 258 William street.
 Rebay, Leo, 37 Second avenue.
 Reinhard, Schminke, 125 East Houston street.
 Riger, George A., 916 Eighth avenue.
 Roth, Herman, 1521 First avenue.
 Rubin, Bernard, 80 Hester street.
 Schmittberger, George C. A., 526 East 178d street.
 Seely, Walter, 247 West 69th street.
 Smith, Stephen W., bet. 168th & 169th streets and Audubon avenue.
 Solomon, Nathan, 344 West 145th st.
 Son, Jacob A. S., 1636 Madison ave.
 Spencer, Frank R., 161 West 129th st.
 Stahl, George Fredrick, 419 East 15th street.
 Strauss, Harry A., 58 East 123d st.
 Tarpy, Joseph Edward M., 501 East 142d street.
 Taylor, Albert S., 1279 Franklin ave.
 Ulman, Charles T., 1329 Washington avenue.
 Vreeland, George Washington, 413 West 51st street.
 Wagner, Oscar, 60 East 93d street.
 Walther, Oscar, 320 East 30th street.
 Weiss, Nathan, 419 East 57th street.
 Wiegmann, William H., 416 Sixth st.
 Will, Herbert W., corner 169th street and Webster avenue.
 Willershausen, Frederick, 60 Greenwich avenue.
 Williams, Harry Vandervoort, 14 East 85th street.
 Wohlberg, John, 517 West 39th st.
 Wolf, Edwin Nelson, 261 West 134th street.

University of the State of New York.

THE COLLEGE OF THE CITY

OF

NEW YORK.

FORTY-FOURTH ANNUAL REGISTER.

1892-1893.

THE REPUBLIC PRESS,
536-538 PEARL ST., N. Y.

CONTENTS.

1892-93.

	PAGE.
BOARD OF REGENTS.....	4
BOARD OF TRUSTEES—EXECUTIVE COMMITTEE.....	5
OFFICERS OF INSTRUCTION, GOVERNMENT, ETC.....	6
THE COLLEGE—ITS FOUNDATION, HISTORY, ETC.....	9
TERMS, VACATIONS, DAILY SESSIONS.....	9
REQUISITES FOR ADMISSION.....	10
COURSES OF STUDY.....	11
DEPARTMENTS OF STUDY.....	24
LIBRARY.....	38
WORKSHOP.....	39
DISCIPLINE.....	40
EXAMINATIONS.....	41
ALLOWANCE OF MARKS.....	41
MERIT ROLL.....	42
COMMENCEMENT.....	43
MEDALS AND PRIZES.....	44
CLASSICAL SCHOLARSHIP.....	48
DEGREES.....	48
THE ASSOCIATE ALUMNI.....	49
STUDENTS' AID FUND.....	50
LITERARY SOCIETIES.....	50
COMMENCEMENT, 1892—	
MEDALISTS AND PRIZEMEN.....	51
HONOR MEN.....	53
DEGREES CONFERRED.....	54
DIRECTORY—	
CALENDAR.....	55
BOARD OF TRUSTEES.....	56
OFFICERS OF THE COLLEGE.....	57
STUDENTS.....	58

304-36

UNIVERSITY OF THE STATE OF NEW YORK.

BOARD OF REGENTS.

1892.

ANSON J. UPSON, D. D., LL.D., <i>Chancellor</i>	GLENS FALLS.
RT. REV. W. C. DOANE, D. D., LL.D., <i>Vice-Chancellor</i>	ALBANY.
ROSWELL P. FLOWER, <i>Governor</i> ,	} <i>Ex-officio</i> , ALBANY.
WM. F. SHEEHAN, <i>Lieutenant-Governor</i> ,	
FRANK RICE, <i>Secretary of State</i> ,	
JAMES F. CROOKER, <i>Sup't of Public Instruction</i> ,	

In order of election by the Legislature:

MARTIN I. TOWNSEND, LL.D., 1873.....	TROY.
ANSON J. UPSON, D. D., LL.D., 1874.....	GLENS FALLS.
WILLIAM L. BOSTWICK, 1876.....	ITHACA.
CHAUNCEY M. DEPEW, LL.D., 1877.....	NEW YORK.
CHARLES E. FITCH, 1877.....	ROCHESTER.
ORRIS H. WARREN, D. D., 1877.....	SYRACUSE.
LESLIE W. RUSSELL, LL.D., 1878.....	NEW YORK.
WHITELAW REID, LL.D., 1878.....	NEW YORK.
WILLIAM H. WATSON, M. D., 1881....	UTICA.
HENRY E. TURNER, 1881.....	LOWVILLE.
ST. CLAIR McKELWAY, LL.D., 1883.....	BROOKLYN.
HAMILTON HARRIS, LL.D., 1885.....	ALBANY.
DANIEL BEACH, LL.D., 1885.....	WATKINS.
WILLARD A. COBB, 1886.....	LOCKPORT.
CARROLL E. SMITH, 1888.....	SYRACUSE.
PLINY T. SEXTON, 1890....	PALMYRA.
T. GUILFORD SMITH, 1890.....	BUFFALO.
RT. REV. W. C. DOANE, D. D., LL.D., 1891.....	ALBANY.
MELVIL DEWEY, M. A., <i>Secretary</i>	ALBANY.
ALBERT B. WATKINS, PH.D., <i>Assistant Secretary</i>	ALBANY.

BOARD OF TRUSTEES.

JOHN L. N. HUNT, LL.D., CHAIRMAN.

THADDEUS MORIARTY.	RANDOLPH GUGGENHEIMER.
JOHN L. N. HUNT, LL.D.	WILLIAM LUMMIS.
MILES M. O'BRIEN, LL.D.	CHARLES B. HUBBELL.
ADOLPH L. SANGER.	CHARLES STRAUSS.
ROBERT MACLAY.	SAMUEL M. PURDY.
Mrs. CLARA M. WILLIAMS.	CHARLES L. HOLT.
JAMES W. GERARD.	ISAAC A. HOPPER.
DAVID H. KING, JR.	JAMES W. MCBARRON.
CHARLES C. WEHRUM.	WILLIAM H. GRAY.
J. SCHUYLER CROSBY.	R. DUNCAN HARRIS.
CHAS. H. KNOX.	ALEXANDER S. WEBB, LL.D.

ARTHUR McMULLIN, A. M., SECRETARY.

EDWARD E. VAN SAUN, ASSISTANT SECRETARY.

EXECUTIVE COMMITTEE

FOR THE

CARE, GOVERNMENT AND MANAGEMENT OF THE COLLEGE.

CHARLES L. HOLT, CHAIRMAN.

ROBERT MACLAY.	CHARLES STRAUSS.
CHARLES C. WEHRUM.	JAMES W. MCBARRON.
ADOLPH L. SANGER.	WILLIAM H. GRAY.
JAMES W. GERARD.	JOHN L. N. HUNT, LL.D., <i>Ex-officio</i> .
ALEXANDER S. WEBB, LL.D., <i>Ex-officio</i> .	

OFFICERS
OF
INSTRUCTION, GOVERNMENT, ETC.

ARRANGED IN ORDER OF SENIORITY.

THE PRESIDENT AND PROFESSORS CONSTITUTE THE FACULTY.

ALEXANDER STEWART WEBB, LL.D.,
President.

ROBERT OGDEN DOREMUS, M.D., LL.D.,
Vice-President and Professor of Chemistry and Physics.

ADOLPH WERNER, PH.D.,
Professor of the German Language and Literature, and Secretary to the
Faculty.

ALFRED GEORGE COMPTON, A.M.,
Professor of Applied Mathematics.

CHARLES GEORGE HERBERMANN, PH.D., LL.D.,
Professor of the Latin Language and Literature, and Librarian.

DAVID BURNET SCOTT, PH.D.,
Professor of the English Language and Literature.

SOLOMON WOOLF, A.M.,
Professor of Descriptive Geometry and Drawing.

GEORGE BENTON NEWCOMB, PH.D.,
Professor of Moral and Intellectual Philosophy.

FITZ GERALD TISDALL, PH.D.,
Professor of the Greek Language and Literature.

JAMES WEIR MASON, A.M.,
Professor of Pure Mathematics.

HENRY PHELPS JOHNSTON, A.M.,
Professor of History.

WILLIAM STRATFORD, M.D., PH.D.,
Professor of Natural History.

CASIMIR FABREGOU, A.M.,
Professor of the French Language and Literature.

TUTORS AND INSTRUCTORS.

WILLIAM GEORGE MCGUCKIN, A.B., LL.B.,
JOHN ROBERT SIM, A.B.,
LEIGH HARRISON HUNT, M.S., M.D.,
IVIN SICKELS, M.S., M.D.,
CALVIN RAE SMITH,
CHARLES AVERY DOREMUS, M.D., PH.D.,
GUSTAVE LEGRAS, B.S.,
LEWIS FREEMAN MOTT, M.S.,
HARVEY F. MITCHELL, M.E.,
AUGUST RUPP, A.B.,
LUIS ALEJANDRO BARALT, A.B.,^{PH.D.}
ROBERT HOUSTON,
HENRY G. KOST, B.S.,
ERNEST ILGEN, A.B.,
L. HEINRICH FRIEDBURG, PH.D.,
JOHN ALFRED MANDEL,
WILLIAM FOX, B.S., M.E.,
JAMES HERVEY DE GROADT,
C. HOWARD PARMLY, B.S., E.E.,
WALTER O'BRIEN, M.D.,
FREDERIC E. PERHAM, B.S.,
STANISLAS C. CONSTANT,
LOUIS FENNEBRESQUE, A.B., B.S.,
JOHN J. McNULTY, M.S.,
CHARLES A. DOWNER, A.B.,
ERNEST N. PERRIN, A.B., LL.B.,
ARTHUR F. J. REMY., A.B.,
HOWARD S. MEIGHAN, B.S.,
FREDERICK G. REYNOLDS, B.S.,
HAROLD E. LIPPINCOTT, B.S.,
EDMUND BURKE, A.B.,
HENRY S. CARR, A.M.,

SAMUEL HANAWAY, B.S.,
FRANZ SIGEL, JR., B.S.,
GEORGES L. AUGÈ, A.B.,
ARTHUR BRUCKNER, B.S.,

HENRY MAYELL,
Secretary to the President.

BENJAMIN ARAD SHELDON, PH.D.,
Assistant in Library and Office.

HENRY EVELYN BLISS,
Deputy Librarian.

MICHAEL F. BONNEY,
Janitor.

JAMES REED,
Engineer.

THE COLLEGE.

The College of the City of New York, originally entitled the Free Academy, was established in 1848 by the Board of Education of the City of New York, in pursuance of an Act of the Legislature of the State, passed May 7, 1847, and ratified by the vote of the people of the city, June 9, 1847. The first class entered January, 1849, and completed its course in July, 1853. In the year 1854 the Legislature passed a law endowing the institution with collegiate powers and privileges, so far as pertained to the conferring upon its graduates the usual collegiate degrees and diplomas in the Arts and Sciences. In the year 1866, on the recommendation of the Board of Education, the Legislature of the State changed the name to that of "*The College of the City of New York*," and conferred on the institution the powers and privileges of a college, pursuant to the Revised Statutes of the State, rendering it subject to the provisions of the said statutes relative to colleges, and to visitation of the Regents of the University, in like manner with other colleges of the State, and making the members of the Board of Education, *ex-officio*, the Trustees of the College. In 1872 the President of the College was, by Act of Legislature, made a member of the Board of Trustees. In the year 1882 the Legislature repealed so much of the statutes relating to the College as had made one year's attendance at the public schools of the city a requisite for admission, thus opening the College to all young men of the city of proper age and sufficient preparation. Instruction is free; so is the use of text-books and apparatus; and there is no expense whatever to be borne by the students.

TERMS, VACATIONS, DAILY SESSIONS.

The College year begins on the Thursday following the second Monday of September, and closes on the fortieth Thursday thereafter. It is divided into two terms. The first term

closes on the fourth Friday of January; the second begins the following Monday.

There are three vacations—the Summer vacation, from the day after Commencement to the Thursday after the second Monday in September; the Winter vacation, from the 25th day of December to the 2d day of January, inclusive; and the Spring vacation, the week in which occurs the 1st day of May. There are no College exercises on legal holidays, or on any Friday immediately following a legal holiday.

During term-time the exercises begin at 20 minutes to 9 A. M., and continue until all the classes are heard. During the Winter months the sessions may open and close half an hour later.

REQUISITES FOR ADMISSION.

The examination of applicants for admission takes place immediately before the general examination in June. No applicant is admitted to the Sub-Freshman Class unless he be fourteen years of age on or before Commencement Day next following the regular examinations for admission, a resident of the City of New York, and shall have passed a good examination in *Spelling, English Grammar, Arithmetic, Plane Geometry*, as taught in the Public Schools, *Geography, History of the United States*, and in the *Elements of Industrial Drawing*.

No person is allowed to be present at the examinations for admission except the instructors of the College and the members of the Board of Trustees. Neither the names of the candidates nor the schools from which they come are made known to the instructors conducting the examination, but each candidate is designated, during the examination, by a number assigned to him by the president. Candidates who pass a good examination are admitted *on probation for eight weeks*, at the expiration of which those who have shown the ability to prosecute the prescribed studies have their names entered on the rolls of the College.

In addition to the general examinations in June, special examinations for admission to the higher classes are held on the last Friday in each month.

Any young man, a resident of the city, may be received into any of the higher classes, provided he passes satisfactorily the same examination as the students of the class to which he may seek admission.

To be admitted to examination, candidates present to the President of the College certificates in due form, signed by the Principals of the schools which they have attended, and specifying the dates and length of time of their attendance.

Every student, on leaving the institution, after one year, with a good character, is entitled to a certificate stating the period he has been in the College and the studies there pursued by him, provided he has satisfactorily accounted for all the books and other property entrusted to him; but no student shall receive such a certificate if he be dismissed for misconduct. If a student absents himself for two weeks without permission, his name is stricken from the rolls, and he loses his right to a certificate of good standing on leaving the institution.

COURSES OF STUDY.

There are three courses of study, each of five years' duration. The student, or his parent or guardian, is required to choose one of these courses on entering, and no change from one course to another is permitted, except on passing an examination satisfactory to the Faculty, in the studies that have been pursued by the class which the student desires to join. An outline of the studies in each course is given in the schedule on pages 13 to 21.

The three courses are alike collegiate in character, aiming at general development of the powers of the mind rather than special preparation for a particular pursuit in life. The Classical Course gives a special prominence to the Latin and Greek languages, but includes one modern language also in the Senior year. It leads to the degree of Bachelor of Arts. In the Scientific and Mechanical Courses, more attention is paid to mathematics and modern languages, but Latin may, at the option of the student, be included in the Senior year in the Scientific Course. These two courses lead to the degree of Bachelor of Sciences.

The Mechanical Course, with Mechanics, differs from the Scientific Course in giving more prominence to the applications of Mechanical Science during the Senior year, and in making practice in the work-shop and mechanical laboratory obligatory to the extent of four hours a week, on an average, during the entire course. The time for this extra work is provided, in part by the omission of a portion of the work in natural history and philosophy and the omission of a third language in the Senior year, and in part by requiring additional hours of attendance at the College, making the total number of hours in this course twenty-three a week, while in the others it is twenty. In addition to the above, a course in Elementary Mechanical Drawing, is introduced in place of some of the free-hand drawing in the three lower classes.

In the Classical and Scientific Courses, work-shop practice is permitted in the afternoons, as far as the capacity of the shops will allow, to such students as, in the opinion of the Faculty, can perform this work without interfering with their studies.

There is also a Post-Graduate Course in Civil Engineering extending through two years.

In addition to the lectures and recitations indicated in the following schedule, there are exercises in oratory and declamation in the Chapel every morning, when one Senior, one Junior and one Sophomore speak before the whole College.

CLASSICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

	Hours per week.
English Language..... { <i>Brown's Institutes of English Grammar,</i> }	3
	<i>Poetical Selections.</i> }
Latin..... <i>Allen and Greenough's Grammar, Leighton's Lessons,</i>	5
Geometry <i>Davies' Legendre,</i>	5
Anatomy..... <i>Lectures,</i>	2
Free-hand Drawing, from Flat and Round.....	3
Elements of Physics... .. <i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language..... <i>Abbott's "How to Write Clearly,"</i>	3
Latin..... <i>as in first term,</i>	5
Algebra..... <i>Wentworth,</i>	5
Botany..... <i>Kellerman,</i>	2
Free-hand Drawing from Flat and Round.....	3
Elements of Physics..... <i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms..... <i>Graham,</i>	1
Latin..... { <i>Herbertmann's Sallust, Allen and Greenough's</i> }	3
	<i>Grammar, Prose Composition,</i> }
Greek..... <i>Goodwin's Grammar, White's First Lessons,</i>	3
History..... <i>Myers' General History,</i>	3
Algebra... .. <i>Loomis,</i>	2
Geometry..... <i>Davies' Legendre,</i>	3
Descriptive Geometry..... <i>Woolf,</i>	3
Zoology..... <i>Lectures and Orton,</i>	2
Compositions.	

SECOND YEAR—SECOND TERM.

English Synonyms... .. <i>as in first term,</i>	1
Latin..... <i>Cicero's Orations, Grammar and Prose Compositions,</i>	3
Greek..... <i>as in first term, and Goodwin's Xenophon's Anabasis,</i>	3
History..... <i>Freeman's General Sketch,</i>	3
Geometry..... <i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration .. { <i>Wheeler, Compton's Manual,</i> }	3
	<i>Loomis' Logarithms,</i> }
Zoology..... <i>as in first term,</i>	2
Shades and Shadows and Perspective.....	3
Compositions.	

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Language and Literature.....	Shaw, 2
Rhetoric.....	Genung's <i>Rhetoric</i> , 2
Logic.....	Jevons, 1
Latin.....	Frieze's <i>Virgil's Æneid</i> , Grammar, Prose Composition, 2
Greek.....	{ Goodwin's <i>Grammar and Anabasis</i> , Arnold's } Prose Composition, } 3
History.....	Thompson's <i>History of England</i> , 2
Chemistry.....	Clowes' <i>Practical and Analytical Chemistry</i> , 2
Spherical Trigonometry, Surveying and Navigation	Wheeler and Docharty, 3
Free-hand Drawing—Course of Ornament.....	3
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	Shaw, 2
Rhetoric.....	as in first term, 2
Logic.....	as in first term, 1
Latin.....	Lincoln's <i>Livy</i> , Grammar, Prose Composition, 2
Greek.....	{ Goodwin's <i>Grammar</i> , Arnold's <i>Prose Composition</i> , Winan's } Xenophon's <i>Memorabilia</i> and Plato's <i>Crito</i> , } 3
History.....	as in first term, 2
Chemistry.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing Study of the Human Form.....	3
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry... Shaw and Printed Selections,	2
Latin.....	{ Anthon's <i>Horace</i> , Tyler's <i>Tacitus</i> , Agricola and } Germania, Grammar, Prose Composition, } 4
Greek.....	{ Goodwin's <i>Greek Grammar</i> , Arnold's <i>Prose</i> } Composition, Demosthenes' <i>Orations</i> , } 3
Political Science*.....	{ Lectures, Cooley's and Kent's <i>Constitutional</i> } Law, Woolsey's <i>International Law</i> , } 3
Mechanics and Acoustics.....	Lectures and Bartlett, 4
Chemical Physics.....	Pynchon, 2
History.....	Lectures and Eliot's <i>History of the U. S.</i> 1
Anthropology, Zoology.....	Lectures, and Tenney and Orton, 1
Original Declamations.	

*In the Junior year the students in the Classical Course have the option between Mathematics (the Calculus) and Philosophy (Law and Economy).

FOURTH YEAR—SECOND TERM.

Hours
per week.

English Language and Literature, Prose.....	{ <i>Brooke, Shaw, and Printed Selections.</i> }	2
Latin.....	{ <i>Cicero's Letters, Horace's Satires and Epistles, Prose Compositions,</i> }	4
Greek.....	{ <i>Grammar and Prose Composition, Selections from Iliad or Odyssey of Homer,</i> }	3
Optics and Astronomy.....	<i>Lectures and Bartlett, Newcomb,</i>	4
Political Economy.....	<i>Lectures and Walker's Political Economy,</i>	3
Chemical Physics.....	<i>as in first term,</i>	2
History.....	<i>as in first term,</i>	1
Anthropology, Zoology.....	<i>as in first term,</i>	1
Original Declamations.		

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ French or German or Spanish.....	{ <i>Robertson's Grammar, Roemer's Polyglot Reader, Roemer's Cours de Lecture, Vols. I., II., Roemer's French Idioms, Sheldon's Grammar, Whitney's Reader, Ollendorff's Grammar, Morales' Reader, Butler's Phrases, Iriarte's Fables, Roemer's Spanish Polyglot, and English Polyglot,</i> }	5
Latin.....	{ <i>Crutwell's Roman Literature, Grammar, Harrington's Plautus,</i> }	3
Greek.....	{ <i>A play of Æschylus or Sophocles or Euripides, Selections from Herodotus and Thucydides, Jevons' Greek Literature, Grammar, Arnold's Prose Composition,</i> }	3
Chemistry.....	<i>Bloxam, Clowes' Practical Chemistry,</i>	3
Psychology.....	{ <i>Lectures and Janes' Human Psychology, Porter's Intellectual Science,</i> }	4
Pedagogics*.....	<i>Lectures,</i>	
Geology, Mineralogy, and Palæontology.....	<i>Lectures and Dana,</i>	1
Æsthetics and the History of Art.....	<i>Lectures,</i>	1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ French or German or Spanish.....	{ }	
	<i>as in first term,</i>	5
Latin.....	<i>Cicero's De Natura Deorum, Maclean's Juvenal,</i>	3
Greek.....	{ <i>A play of Aristophanes, Lectures on the Language and Literature, Jevons,</i> }	3
History of Philosophy, Ethics.....	<i>Lectures and Elmendorf, Janet, Ueberweg,</i>	4
Chemistry.....	<i>as in first term,</i>	3
Geology, Mineralogy, Palæontology.....	<i>as in first term,</i>	1
Æsthetics and History of Art.....	<i>as in first term,</i>	1
Original Declamations.		

*Lectures on Pedagogics are delivered during the first term by the Professor of Philosophy.

SCIENTIFIC COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> <i>Poetical Selections,</i> }	3
French.....	<i>Vannier, Robertson's Grammar,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language.....	<i>Abbott's "How to Write Clearly,"</i>	3
French.....	<i>as in first term, and Roemer's Cours de Lecture, Vol. I.,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Botany.....	<i>Kellerman,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
French.....	{ <i>Roemer's Cours de Lecture, Vol. I., Roemer's Polyglot</i> <i>Reader, Robertson's Grammar,</i> }	3
{ German.....	<i>Eysenbach's Grammar,</i>	2
{ or	{ <i>Ollendorff, Morales' Reader, Butler's Phrases,</i>	
{ Spanish.....	<i>Iriarte's Fables,</i>	
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Zoology.....	<i>Lectures and Orton,</i>	2
Descriptive Geometry.....	<i>Woolf,</i>	4
Compositions.		

SECOND YEAR—SECOND TERM.

English synonyms.....	<i>as in first term,</i>	1
French.....	<i>Roemer's Cours de Lecture, Vol. II., and Polyglot Reader,</i>	3
{ German.....	{ <i>as in first term,</i>	2
{ or		
{ Spanish.....		
History.....	<i>Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration.	{ <i>Wheeler, Loomis' Logarithms,</i> <i>Compton's Manual,</i> }	3
Shades, Shadows and Perspective.....		4
Zoology.....	<i>as in first term,</i>	2
Compositions.		

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Literature.....	Shaw, 2
Rhetoric.....	Genung's <i>Rhetoric</i> , 2
Logic.....	Jevons, 1
French.....	{ Roemer's <i>Cours de Lecture</i> , Vols. II. and III., Robertson's } Grammar, Roemer's <i>French Idioms</i> , } 2
{ German.....	Hauff's <i>Karavane</i> , Eysenbach's <i>Grammar</i> , }
or	
{ Spanish.....	Iriarte's <i>Fables</i> , Ollendorff, Roemer's <i>Polyglot Readers</i> , }
History.....	Thompson's <i>History of England</i> . 2
Spherical Trigonometry, Surveying and Navigation, Wheeler and Docharty,	3
Free-hand Drawing—Course of Ornament.....	3
Chemistry.....	Clowes' <i>Practical and Analytical Chemistry</i> , 2
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	as in first term, 2
Rhetoric.....	as in first term, 2
Logic.....	as in first term, 1
French.....	as in first term, 2
{ German.....	}
or	
{ Spanish.....	as in first term, 3
History.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing Study of the Human Form.....	3
Chemistry ..	as in first term, 2
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry ..	Shaw and Printed Selections, 2
{ German.....	Pütz's <i>Reader</i> , Eysenbach's <i>Grammar</i> , }
or	
{ Spanish.....	{ Moratin, Don Quixote, Roemer's <i>Polyglot Reader</i> , } Morales' <i>Reader</i> , } 5
Political Science.....	{ Lectures, Cooley's, and Kent's <i>Constitutional</i> } Law, Woolsey's <i>International Law</i> , } 3
Differential and Integral Calculus.....	Peck, 3
Chemical Physics.....	Fiske, Pynchon, 2
History.....	Lectures and Eliot's <i>History of the U. S.</i> , 1
Acoustics and Optics and Heat.....	Lectures and Bartlett, 3
Anthropology, Zoology.....	Lectures and Tenney, and Orton, 1
Original Declamations.	

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose. { <i>Brooke, Shaw, and Printed Selections,</i> }	2
{ German..... }	as in first term,
{ or Spanish..... }	
Political Economy..... <i>Lectures and Walker's Political Economy,</i>	3
Differential and Integral Calculus..... <i>as in first term,</i>	3
Chemical Physics..... <i>as in first term,</i>	2
History..... <i>as in first term,</i>	1
Acoustics and Optics and Heat..... <i>as in first term,</i>	3
Anthropology, Zoology..... <i>as in first term,</i>	1
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ Spanish..... }	{ <i>Ollendorff's Grammar, Butler's Phrases, Iriarte's Fables, Roemer's Polyglot Reader,</i> }	5
{ or German..... }		
{ or Latin..... }	{ <i>Sheldon's Grammar, Whitney's Reader, Grammar, Leighton's Lessons, Harkness' Caesar, Herbermann's Sallust,</i> }	
{ Psychology..... }	{ <i>Lectures and Janes' Human Psychology, Porter's Intellectual Science,</i> }	4
{ Pedagogics..... }		
Chemistry..... <i>Bloxam, Clowes' Practical Chemistry,</i>		3
Mechanics and Astronomy..... <i>Bartlett,</i>		5
Geology, Palæontology and Mineralogy..... <i>Lectures and Dana,</i>		1
Æsthetics and the History of Art..... <i>Lectures,</i>		1
*French or German.....		1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ Spanish..... }	{ <i>as in first term,</i> }	5
{ or German..... }		
{ or Latin..... }	{ <i>Grammar, Leighton's Lesson's, Chace's Cicero, Frieze's Virgil's Æneid,</i> }	
History of Philosophy, Ethics.. <i>Lectures and Elmendorf, Janet, Ueberweg,</i>		4
Chemistry..... <i>as in first term,</i>		3
Mechanics and Astronomy..... <i>as in first term,</i>		5
Geology and Palæontology and Mineralogy,..... <i>as in first term,</i>		1
Æsthetics and the History of Art..... <i>as in first term,</i>		1
French or German.....		1
Original Declamations.		

*In the Senior year the students of the Scientific Course may, at their option, have one lesson a week in French, or in the second modern language.

MECHANICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

	Hours per week.
English Language.....	3
French.....	5
Geometry.....	5
Free-hand and Mechanical Drawing.....	3
Elements of Physics.....	2
Workshop and Mechanical Theory.....	5

FIRST YEAR—SECOND TERM.

English Language.....	3
French.....	5
Algebra.....	5
Free-hand and Mechanical Drawing.....	3
Elements of Physics.....	2
Workshop and Mechanical Theory.....	5

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	1
French.....	3
German.....	2
History.....	3
Algebra.....	2
Geometry.....	3
Descriptive Geometry and Mechanical Drawing.....	4
Workshop and Theory.....	5
Compositions.....	

SECOND YEAR—SECOND TERM.

English Synonyms.....	1
French.....	3
German.....	2
History.....	3
Geometry.....	2
Plane Trigonometry and Mensuration.....	3
Shades, Shadows and Perspective, and Mechanical Drawing.....	4
Workshop and Theory.....	5
Compositions.....	

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Literature.....	Shaw, 2
Rhetoric.....	Genung's Rhetoric, 2
French.....	{ Roemer's Cours de Lecture, Vols. II. and III., Robertson's } Grammar, Roemer's French Idioms, }
German.....	Hauff's Karavane, Eysenbach's Grammar, 3
History.....	Thompson's History of England, 2
Spherical Trigonometry, Surveying and Navigation.	Wheeler, Docharty, 3
Drawing (Mechanical).....	3
Chemistry.....	Clowes, 2
Workshop and Theory.....	4
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	as in first term, 2
Rhetoric.....	as in first term, 2
French.....	as in first term, 2
German.....	as in first term, 3
History.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing (Mechanical).....	3
Chemistry.....	as in first term, 2
Workshop and Theory.....	4
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry..	Shaw, and Printed Selections, 2
German.....	Pütz's Reader, Eysenbach's Grammar, 5
Political Science....	{ Lectures, Cooley's, and Kent's Constitutional } Law, Woolsey's International Law, }
Differential and Integral Calculus.....	Peck, 3
Chemical Physics.....	Fiske, Pynchon, 2
History.....	Lectures and Eliot's History of the U. S. 1
Acoustics and Optics and Heat.....	Lectures and Bartlett, 3
Anthropology, Zoology.....	Lectures and Tenney, 1
Workshop and Theory.....	3
Original Declamations.	

FOURTH YEAR—SECOND TERM.

FOURTH YEAR—SECOND TERM.		Hours per week.
English Language and Literature, Prose.....	{ <i>Brooke, Shaw, and</i> <i>Printed Selections,</i>	2
German.....	<i>as in first term,</i>	5
Political Economy.....	<i>Lectures and Walker's Political Economy,</i>	3
Differential and Integral Calculus.....	<i>as in first term,</i>	3
Chemical Physics.....	<i>as in first term,</i>	2
History.....	<i>as in first term,</i>	1
Acoustics and Optics and Heat.....	<i>as in first term,</i>	3
Anthropology, Zoology.....	<i>as in first term,</i>	1
Workshop and Theory.....		3
Original Declamations.		

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

Theory of Prime Movers.....	5
{ Psychology.....	{ <i>Lectures and Janes' Human Psychology,</i>
{ Pedagogics.....	{ <i>Porter's Intellectual Science,</i>
	<i>Lectures,</i>
Chemistry.....	<i>Bloxam, Clowes,</i>
Mechanics and Astronomy.....	<i>Bartlett,</i>
Geology, Palæontology and Mineralogy	<i>Lectures and Dana,</i>
Æsthetics and the History of Art.....	<i>Lectures,</i>
Workshop, Drawing and Theory.....	4
Original Declamations.....	

FIFTH YEAR—SECOND TERM.

Theory of Prime Movers.....	5
History of Philosophy, Ethics. <i>Lectures and Elmendorf, Janet, Ueberweg,</i>	4
Chemistry... ..as in first term,	3
Mechanics and Astronomy..... as in first term,	5
Geology and Palæontology, Mineralogy.....as in first term,	1
Æsthetics and the History of Art.....as in first term,	1
Workshop, Drawing and Theory.....	1
Original Declamations,	

SCHEDULE

EXHIBITING THE SUBJECTS OF STUDY, TOGETHER WITH THE NUMBER OF WEEKLY RECITATIONS
PER CLASS AND TERM IN EACH SUBJECT.

	SUB-FRESH- MAN CLASS.		FRESHMAN CLASS.		SOPHOMORE CLASS.		JUNIOR CLASS.		SENIOR CLASS.	
	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.
LANGUAGES...	English.....	3	3	1	2	2	2	2	..	3
	{ Latin	5	5	3	2	2	4	4	3	3
	{ Greek.....	..	..	3	3	3	3	3	3	3
	{ French, or German, or Spanish.	..	..	..	..	..	..	..	5	5
	OR									
	{ French.....	5	5	3	2	2	..	..	{ 5	5
	{ German or Spanish*.....	..	..	2	3	3	..	5	5	5
	{ Spanish, German or Latin.....	..	..	..	..	..	..	..	..	..
	Rhetoric.....	..	..	..	2	2	..	..	..	..
	General History.....	..	..	3	3	..	..	..	..	..
HISTORY	English History.....	..	..	..	2	2	..	1	..	..
	United States History.....	..	..	..	1	1	..	..	..	..
	Logic.....	..	..	..	..	1	..	..	..	1
	Moral Philosophy .....	..	..	..	..	..	..	..	4	..
PHILOSOPHY...	Psychology and Pedagogics.....	..	..	..	..	..	..	..	..	3
	History of Philosophy.....	..	..	..	..	..	..	3	..	..
	Political Economy.....	..	..	..	..	..	3	..	..	..
	Political Science.....	..	..	..	..	..	..	..	..	..

DEPARTMENTS OF STUDY.

The following statements are intended to explain the ground gone over in the several departments and the methods pursued :

ENGLISH LANGUAGE AND LITERATURE.

The training in English commences in the Sub-Freshman year, with a brief but comprehensive review of the analysis of the English sentence. This is immediately followed by instruction in punctuation, based on the structure of the sentence, and by the correction of false syntax. A brief course in the more common figures of speech and in the elements of versification comes next. The student is now required to memorize short poetical selections from the best writers, and his previous training is brought to bear in the minute analysis of these selections, thus thoroughly riveting on his memory his previous instruction. This closes the work of the first term. In the second term *Abbott's "How to Write Clearly"* is the text-book. The sentences are written out at home, and corrected by the student. In the recitation room he is required to give clear reasons for the corrections, based on the principles or rules laid down by the author.

Throughout the Freshman or second year, the entire time, one hour a week, is given to the study of *Graham's Synonyms* in the text, and in the correction of examples. Combined with this there is also instruction given in etymology.

In the Sophomore year the history of English literature is pursued, with *Shaw* as a text-book. A knowledge of the chronological arrangement of English authors, their chief works, together with the leading facts in their lives, is what is chiefly aimed at. The importance of being able to fix the time and place in English literature of leading authors cannot well be over-estimated. "Rhetoric, *Genung's*, is begun and finished during the year, and written compositions are required from the entire class during both terms.

The students are now prepared for the higher instruction in English Language and literature during the Junior year. The

text-book is here thrown aside, and oral lectures, together with the reading of selections, form the business of the year. The Professor reads to the students and the selections are in their hands while he reads. In this way he endeavors to create and strengthen a taste for the best prose and poetry. The first term's work deals entirely with poetry, the second term's with prose. The aim in both terms is to furnish a philosophical classification of writers, through analysis and criticism. In the second term, in particular, the reading and analysis of the prose writers enables the instructor to give special attention to the striking characteristics of the great masters of English prose. The instruction of the second term deals also with the condition of the language in the fourteenth century, and proceeding onwards, develops, through the selections and readings, the gradual progress of English speech to our own times.

Compositions are required from Juniors and Seniors during both terms. After having been examined by the Professor, these compositions are delivered as orations on the chapel stage.

LATIN LANGUAGE AND LITERATURE.

This department comprises a longer and a shorter course. The five years course begins, in the Sub-Freshman Class, with the elements of the language, and includes the authors generally studied in colleges. That the students of this College are enabled to cover so much ground in five years, is due to several causes. In the first place, they begin the study at a much more advanced age than boys in classical preparatory schools. In the next place, considerable time is devoted to it in the two highest classes, where in many colleges it disappears wholly from the plan of studies. Again, the training proceeds upon a uniform method from first to last. Lastly, the thoroughness of the College examinations secures classes of nearly uniform acquirements, so that the progress of the class is not retarded by the presence of ill-prepared students.

As the object of all good teaching is to make the scholar independent of the teacher, the department aims, above all

else, to impart to the students correct methods. Hence two years are devoted wholly to the study of the prose-writers, on which the syntax is based (*Cæsar, Cicero, Sallust*). Only when the students are able to feel a deviation from the rules there laid down do they take up *Virgil* and *Horace*, and the ante-classic and post-classic writers. To keep before them the ideal of classic prose, some of *Cicero's writings* are read in the Junior and Senior years. To make the study of Latin a means of acquiring a more thorough command of the mother tongue, idiomatic translation is insisted on. Whilst grammatical construction is everywhere carefully explained, care is taken that the scholar shall not forget that, in every literature, language is but the dress of thought. Hence the subject matter is explained thoroughly and illustrated by reference to history, mythology, art, social and political antiquities, law and etymology.

A course of one year is open to such of the Scientific Seniors as elect it. Their previous language studies enable them to make rapid progress. They read selections from *Cæsar* and *Sallust*, an oration of *Cicero* and a book of *Virgil*.

GREEK LANGUAGE AND LITERATURE.

The study of Greek is begun in the Freshman year. The students learn the paradigms, the orthography, and the general rules of syntax, complete a course of fifty-five lessons in *White's Lessons in Greek*, and read two chapters of the first book of the *Anabasis*.

In the Sophomore year Etymology and the general rules of Syntax are thoroughly reviewed and the details studied. There are weekly exercises in the elements of Greek prose composition.

Selected passages are read in the first four books of the *Anabasis*, the *Memorabilia* and a dialogue of *Plato*; about fifty pages in all. In the first the attention of the students is directed to the historical and geographical allusions, and in the last two, in addition to these, to the doctrines and opinions propounded. During this year a parallel is drawn between the Greek and

Latin syntax, thereby greatly aiding the student; and the difference of the English idioms dwelt upon.

In the Junior year the exercises in composition are continued. Attention is directed to the formation of words. Either three popular orations of Demosthenes or selections from the *De Corona* are read, with attention to history and geography, and a critical analysis of the orator's style. About two books of either the *Iliad* or the *Odyssey* are read, attention being given to the scansion and Homeric syntax and dialect; and the Homeric question is presented.

The Seniors read selections from Herodotus and Thucydides, accompanied with criticism of the styles and short lectures on the historical episodes discussed. Also there are read portions of a tragedy and an entire comedy. Lectures are given on the drama and theatre, and on the Greek language and literature.

FRENCH LANGUAGE AND LITERATURE.

In the Scientific and Mechanical Courses, French is studied by all the students during three years, and optionally by some in the Senior year.

In the first term of the Sub-Freshman year, the course is merely practical, and little attention is paid to the grammar. To this the student is introduced more particularly in the second term, during which the exercises include written translations of easy French narratives and the construction of French sentences according to grammatical rules.

In the Freshman year, the work consists, *first*, of oral translation from the French, based upon logical and grammatical analysis, and aiming at the idiomatic rendering into English of the foreign text; *second*, of retranslation and phraseological exercises, both by imitation and by application of the grammar.

In the Sophomore year, the time is devoted, *first*, to the written translation of English selections into French; *second*, to the reading of passages from modern novels and plays; *third*, to giving oral and written *résumés* of these passages.

In the optional Senior course of one hour weekly, some short

work of modern prose is read critically, and a series of lectures is delivered on the history of the French language and of the Norman French in England.

For students of the Classical Course who elect French in the Senior year, the course is so modified as to apply to advantage their previous training, especially their knowledge of Latin.

The text books used in this department are *Robertson's Method*, and *Roemer's Cours de Lecture, Etude Raisonnée, Contes et Mélanges, Histoire et Roman Historique and Polyglot Reader*.

GERMAN LANGUAGE AND LITERATURE.

Eysenbach's Grammar is introduced at the beginning of the Freshman year—during which it is the only book put into the students' hands—continued at the rate of one lesson a week through the Sophomore year, and of two lessons a week through the Junior year, at the close of which it is completed. In the Sophomore and Junior years, selections in prose and verse are read. Those students who choose to continue in this department through the Senior year read in Goethe, also a comedy and a scientific essay; they are exercised in composition and conversation.

In the one-year Senior course, also, the work proceeds in the direction above stated; but, of necessity, is less extended.

In both courses poetry is memorized, and prose is so learnt that the students can produce the German when the teacher gives the translation.

SPANISH LANGUAGE AND LITERATURE.

The study of the Spanish language and literature is carried on in all courses.

The scientific students begin Spanish in the Freshman year. The elements of the language are acquired by the study of selections from *Butler's Phrase Book*, and the reading of selections in prose and verse from *Iriarte* and *Morales' Reader*.

In the Sophomore year, *Quintana's Lives* are read, exercises

in dictation are added, and *Sales' Grammar* and *Pizaro's Phrases* are used.

The Juniors review the grammar by the study of Sales' work; they translate Moratin's comedy *El si de las Niñas*, and selections from *Don Quijote*; make oral and written translations of English selections of various styles; write Spanish compositions; and study Spanish versification and literature.

The work of the Classical students in the Senior Class does not differ materially from that outlined above, except as it is affected by the shortness of the course; which is, however, in a degree compensated for by the greater maturity and better preparation of the class.

HISTORY.

The History course extends through the Freshman, Sophomore and Junior years in all the courses. The Freshman Class study *Myers' General History* and *Freeman's General Sketch*, with map illustrations and exercises.

This general view of the history of Europe is succeeded, in the Sophomore Class, by the thorough study of English history. *Thompson's History* is taken as a guide, but the instructors add largely, by explanation and lecture, to the matter contained in the text-book.

In the Junior year lectures are delivered upon American topics—the aim of the course being not only to extend the student's knowledge in this field, but also to lead him into critical and comprehensive methods of studying the history of his own country. The important events from the period of discovery to the present times are examined mainly with reference to their causes and influence, while due attention is paid to institutional history. Topics such as the following are treated: The gradual unfolding of the New World to the Old; the struggle for possession here by European powers; Colonial life and tendencies; the growth of liberty and of local self-government, involving the relation of American history to English; the Revolution; the new order of things; history of American politics, etc. Students are called upon to discuss the subjects in the class-room,

where they also become familiar with the standard and, as far as possible, original authorities on American history. *Eliot's History of the United States* is used as a reference book.

The Historical Cabinet contains a collection of electrotypes of nearly four hundred of the finest ancient coins in the British Museum; the obverse and the reverse of each coin being shown. The arrangement exhibits, chronologically and geographically, the history of coinage from 700 B. C. to the Christian era. An additional section, one of a small number yet seen in the United States, exhibits the most famous medallions struck from A. D. 1 to 217. The whole collection is the gift of the Class of '75.

PHILOSOPHY.

The studies in this department are commenced in the Sophomore year. Logic, deductive and inductive, is then studied, as a discipline preparatory to the whole course. *Jevons' Lessons* is used as a text-book, and the students are taught to apply logical principles by means of numerous exercises, written and oral.

The philosophical studies of the Junior year are in the field of political and social science. The first term is devoted to political science. A course of lectures is given, indicating the foundations of law and government in human nature, tracing the growth of law and governmental forms and the development of the modern constitutional state, and discussing questions in the philosophy of government and legislation. American constitutional law is studied in *Cooley's* and *Kent's* expositions, with comparison of our own and other systems. A brief view of international law is given, *Woolsey's* manual being used as a basis. In the second term economic science is taken up; the intimate connection of the economic with the political structure and development of society having already been considered, the study continues to be one of social development, but in its economic phase. F. A. Walker's text-book is used with extended comments, and a series of lectures is given on leading points in the history and theory of political economy; and in

applied political economy such questions as those of money and of finance in the United States are examined.

The Senior year studies are, Psychology, Philosophy and Ethics. The principles of Pedagogics, as based in Psychology, are treated of, in connection with Psychology, but in a separate course of lectures on theory of teaching.

The instruction of the year is chiefly by lectures, with selections from manuals and with directions for reading. In Psychology, the aim is to present a descriptive view of the phenomena and laws of mental action, and also, without dwelling much on philosophical questions, to make the study lead up to philosophy. The positions of different schools on controverted points are noticed. Attention is given to physiological psychology.

The subjects of the second term are, General Philosophy and Ethics. The philosophical doctrines and systems of most historic importance are, as far as time admits, examined and the development of speculative thought traced, to aid in elucidating the principal questions now discussed by philosophers. Political, educational and ethical theories are examined, and select topics in practical ethics are discussed, with the aid of *Janet's Manual*.

Theses on assigned topics in the course are prepared and discussed by students during the Junior and Senior year.

MATHEMATICS.

The course in Pure Mathematics is the same for all students as far as the close of the Sophomore year.

The Sub-Freshman Class study *Davies' Legendre* through the fifth book, with additional problems and theorems from the appendix and elsewhere, and *Wentworth's Algebra* from the beginning to Arithmetical Progression.

The Freshman Class complete the Geometry; they study Mensuration and Plane Trigonometry, using *Wheeler's Treatise* as a text-book, and higher Algebra, including the theory of Logarithms from *Loomis' Treatise*; and are practiced in logarithmic computation, using *Compton's Manual*.

In the first term the Sophomore Class go through *Wheeler's*

Spherical Trigonometry, Docharty's Surveying and Navigation, and in the second term, *Peck's Analytical Geometry*, embracing the Geometry of Three Dimensions as far as Surfaces of Revolution.

Mathematics is not obligatory upon classical students beyond the Sophomore year; but such as may elect to pursue the study join the students of the Scientific and Mechanical Courses in the study of Calculus, which is the work of the Junior year. *Peck's Treatise* is used as a text-book, and is completed as far as the Applications to Mechanics and Astronomy.

APPLIED MATHEMATICS.

In the Scientific Course, the studies of Pure and Applied Mathematics afford the student such intellectual training and such knowledge of Mathematics, Mathematical Physics, Mechanics and Astronomy as to materially lessen the time that will be required for the study of a specialty in any of the schools of civil, mechanical or mining engineering. A graduate of good standing in the Scientific or the Mechanical Course will be able to master in two years, or less, the studies usually pursued in such schools.

In the Scientific Courses, in the Junior year, while the student is acquiring, in the department of Pure Mathematics, the knowledge of the Calculus necessary for the study of Analytical Mechanics, he attends recitations and lectures on Acoustics and Optics, only such elementary mechanical principles being taught as are necessary to the understanding of those subjects. Near the end of the Junior year the study of *Bartlett's Analytical Mechanics* is commenced, and it is continued during the first term of the Senior year. Much additional matter is given in the way of illustrations and problems applying the principles taught to practical ends. In the second term of the Senior year the subject taught is Spherical Astronomy. The endeavor is made to show how the science has grown up, how its discoveries have been made, how it explains the phenomena of the heavens, to teach the general principles of the adjustment and use of instru-

ments, and the methods of making and recording observations, and the application of astronomy to the uses of the surveyor and navigator.

In the Mechanical Course further application is made of the principles of mechanics, to the study of the forms and functions of the parts of engines, the theory of prime movers, and the construction, testing and management of engines.

The scope of the instruction in the Classical Course is less extended. All that is sought is to give a general idea of the principles of Mechanics, Acoustics, Optics and Astronomy, with very little Mathematical Analysis. Of the four hours per week allotted in the Junior year to this department, generally about three are given to lectures and one to recitations.

CHEMISTRY AND PHYSICS.

The instruction in Chemistry is divided into an elementary and advanced grade.

The first is open to the students of the Sophomore Class. Two hours a week are spent in the Laboratory. *Clowes' Practical Chemistry* is the text-book followed, and the students are provided with all the necessary apparatus to perform the experiments described. Manipulation of the gases is succeeded by a course in qualitative analysis.

The advanced grade is for the students of the Senior Class. Three hours a week are given to the study, one lecture on General Chemistry, and two hours in the Laboratory. *Bloxam's* is used as a text-book of Chemistry, while *Clowes' Practical Chemistry* serves to complete the study of qualitative analysis. The laboratory instruction for the Senior Class follows a prepared synopsis. Through the study of Chemical Physics described below, the students of the advanced Chemical course are enabled to make use of apparatus essential to the thorough study of General Chemistry. In addition to the problems in qualitative analysis and chemical physics, the advanced grade provides for

instruction in the outlines of Applied Chemistry, and of volumetric and quantitative analysis.

The equipment of the Chemical Laboratory is very complete; its arrangement, as well as that of the desks, offers many facilities. The Lecture-room, which adjoins the Laboratory, is provided with the necessary conveniences for lecture illustration. There is a collection of the ores and other natural specimens sufficient to illustrate the chief forms in which the elements occur. The College owns a set of charts, made by a draughtsman specially employed.

The subjects of Heat, Light and Electricity, and such other parts of Physics as have a direct bearing on Chemistry, are taught in this department.

Two lectures are given each week on general experimental physics to the students of the Sub-Freshman Class. These lectures are fully illustrated by experiments and charts. The students are required to take notes, and it being found impossible to hear the recitations upon these lectures as required by the Board of Trustees, they are marked upon the correctness and fullness of these notes. *Cooley's Physics* is given as a text-book for home study.

The students of the Junior Class listen to one lecture a week, and have one hour in the Laboratory devoted to study of themes bearing either upon the generation of the forces of nature or of those closely allied to the thorough comprehension of Chemical Physics.

The Cabinet of Physical Apparatus is provided with many instruments. There are about 2,300 pieces of Physical Apparatus. A special Laboratory for the manipulation of the apparatus adjoins the one used for Chemistry. Besides this, there is a Balance-room which contains some fine instruments. A Dark-room serves for demonstration in the use of the Spectroscope and Polariscope and in Photography. There is also a Photo-metric room. The Photometer is arranged for the comparison of two gases as well as for the determination of the candle-power of one. The College dynamo-machines, four in

number, supply the electric currents necessary for experimentation and lantern projection.

Pynchon's Chemical Physics and Fiske's Electrical Engineering are used as the text-books for the advanced grade. Notes must be taken of the lectures, and also of the experiments performed in the Laboratory, and reports from these submitted.

NATURAL HISTORY.

The arrangement of the studies in this department is as follows:

SUB-FRESHMAN—	{ Anatomy. } { Botany. }	Two hours per week.	{ Lectures. Text-book(<i>Kellerman</i>)
FRESHMAN—Zoology.		Two hours per week.	Text-book(<i>Orton</i>) and Lectures.
JUNIOR—Anthropology.		One hour per week.	Lectures and <i>Orton</i> .
SENIOR—	{ Mineralogy. Palæontology. } { Geology. }	One hour per week.	Text-book (<i>Dana</i>) and Lectures.

As the object of the instruction is to teach the students to observe carefully, to record accurately—to know the thing *itself*—the class-room work is made, as far as possible, practical.

The course is essentially a *biological* one. The general relations of the inorganic and organic worlds, the phenomena of life, and the structure and life-history of typical plants and animals are taught.

A good museum furnishes a great part of the material needed for illustration and study. Mounted specimens, photographs and dissections prepared in the College are being constantly added.

MUSEUM OF NATURAL HISTORY.

The collections contain 8,500 specimens: 550 of plants, 750 of vertebrata, 3,000 of invertebrata, 2,000 of minerals, and 2,100 of minerals, rocks and fossils. The card catalogue of the specimens is well under way.

A number of conchological specimens were added to the collections during the past year, and many objects for instruction

in the several courses. Case-room has been provided for a part of these additions.

In addition to the material purchased by the College, the following gifts have been made :

1. Birds' Eggs (Collection of)Mr. Bashford Dean.
2. Birds of State of N. Y. (100 Spec.)..Mr. Louis A. Zerega.
3. Brush-making Materials.Messrs. F. W. Devoe & Co.
4. Butterflies and Moths (500 Spec.)..Mr. H. J. Muller.
5. Conchological SpecimensSmithsonian Institution.
6. " " { Mr. Townsend Harris.
 { Prest. Webb.
 { Prof. R. O. Doremus,
7. Corals of Florida (Collection of) .Lieut.-Col. Walter McFarland, U.S.A.
8. Craniological Specimens.....Smithsonian Institution.
9. Entomological CollectionMr. Bashford Dean.
10. Fishes (500 Spec.), largely South
 American.....Commissioner E. G. Blackford.
11. Fossils and Reptiles.....Prof. S. Woolf.
12. Fossils of S.Carolina (Collection of)Mr. William T. Rodenbach.
13. Grains (Specimens of).....New York Produce Exchange.
14. Ichthyosaurus Communis.... { Prof. Alex. S. Webb,
 { Nathaniel Jarvis, Jr.,
 { H. R. Remsen,
 { Edward Cooper,
 { Jackson Steward,
 { William Wood,
 { David Dudley Field.
15. Leathers (Fancy)Messrs. Tiffany & Co.
16. Linens, Silks, Furs, Cottons..... E. J. Denning & Co.
17. Miscellaneous Textile Fabrics.... " Claflin & Co.
18. Set of Whaling Harpoons(11Spec.)Mr. Bashford Dean.
19. S.American Woods(60Specimens).Messrs. T. D. & L. Hirsch.
20. Unios of the United StatesDr. Isaac Lea, Philadelphia.
21. Vegetable FibersMr. J. H. Hollis, Cotton Exchange.
22. Wading Birds (25 Specimens) .. }
 Game Fishes of Florida..... } Mr. W. H. Chesebrough.
23. Woods (Foreign and Fancy).....Messrs. J. L. Daniels & Co.
24. Woolen Fabrics " Arnold, Constable & Co
25. Wools " Mangers & Avery.

DESCRIPTIVE GEOMETRY AND DRAWING.

The Sub-Freshman Class is practiced in Drawing in outline from the flat and the round; in surface shading in crayon or pencil, and in elementary perspective. The students draw geometrical forms, architectural and other ornaments of various styles, and the human head.

The Freshman class is instructed in Descriptive Geometry. No text-book is used; but the professor's *Elements of Descriptive Geometry* is used as a book of reference. The instructor lectures and demonstrates at the blackboard; each student solves every problem graphically in his drawing-book. The subject is carried through Sections and Intersections, Tangency and Development, and is applied to carpentry, machinery and architecture. Practice in tinting and in drawing from actual models of machinery is given from time to time. In the second term, the subjects pursued are Shades and Shadows, and Perspective. Shadows are determined in artificial and natural light; the principles of reflection are taught. Application is made occasionally to mechanical, architectural and artistic drawing.

In the Sophomore year, the students draw from the Cast, either ornaments or organic forms, according to individual ability; they shade in charcoal, crayon, etc.

The professor delivers to the Senior Class a series of lectures on *Æsthetics*, and the History of Art and the several arts.

In the Mechanical Course the work of the other courses is modified by the introduction of Elementary Mechanical Drawing. Students are required to take notes of lectures and make free-hand sketches in the class-room which are afterwards to be elaborated into finished drawings to a scale. Occasional tasks for home work are likewise given.

In the Sub-Freshman Class one-half the time is devoted to free-hand work similar in character to that of the other collegiate courses. The mechanical drawing for the same period consists of lettering, simple working-drawings, wood joints, journals, rivets, bolts, keys, simple couplings, cranks, etc.

In the Freshman Class three-fourths of the first term and

one-half of the second term are given up to the corresponding studies of the other collegiate courses, the balance of the time being employed in the explanation and drawing of connecting-rods, couplings, bearings, pulleys, eccentrics, cross-heads, pistons and some of the other parts of the steam engine.

In the Sophomore Class the entire time is employed in mechanical drawing. The class is required to make finished drawing in *ink*, in the class-room, and is taught the use of water-colors. The subjects taken up are tinting and shading, theoretical curves and their application to gear wheels and the remaining unexplained parts of the steam engine, as the slide valve, etc.

The casts belonging to this department are very fine, most of them having been taken from early moulds. The collection contains many beautiful examples of the Phidian era, the most notable being a large number from the Frieze of the Parthenon, and a few of the best preserved metopes; the heroic statues of Theseus and Cephissus; a caryatid from the Erechtheion. These copies of the Elgin Marbles were given by Charles M. Leupp, Esq. There are, furthermore, the busts of Jupiter from Otricoli, the Venus of Milo, the Venus of Arles, Juno, the Apollo Belvedere, the Belvedere Torso, and examples of the work of Michael Angelo, Cellini and Thorwaldsen.

This department also makes use of a collection of about 275 photographs, the gift of the class of '75, framed and hung in the halls of the College, illustrating the architecture and sculpture of the Greeks and Romans, early Christian and Renaissance painting in Italy, and a number of the most noted buildings of all European countries. Each print is marked with the name, the date of production and the present location of the subject represented. East Indian architecture is likewise illustrated by a number of photographs lately purchased by the College.

THE LIBRARY.

The Library of the College contains 27,237 volumes. These are distributed as follows:

Medicine	234	Italian Literature.. ..	73
Philosophy	1,213	Classical Philology	129
Theology	832	Roman Literature	669
Mathematics.....	416	French "	721
Physics	2,052	Spanish "	198
Science, History of.....	48	German "	743
Natural History.....	1,146	Literature in General.....	229
History	6,189	Philology and Linguistics...	757
Biography.....	1,739	Works of Reference.....	632
Travels and Voyages.....	1,117	Bibliography.....	187
Art.....	914	Periodicals.....	3,163
Law	428		
English Literature.....	2,780	Total.....	27,237
Greek "	672		
Latin "	625		

Books may be taken from the Library by the students as well as the instructors; by the Alumni upon a deposit of ten dollars; and by the teachers of the common schools of the city.

The books have been purchased with the money apportioned to the College, while known as the Free Academy, as its share of the literature Fund of the State; from the income of \$5,000 bequeathed by Mr. Ephraim Holbrook; from the income of \$30,000 bequeathed by Mr. Seth M. Grosvenor; and with money which has at various times been appropriated by the Board of Trustees. Many books have been presented by publishers and others.

THE WORKSHOP.

Connected with the College is a workshop in which instruction is given in mechanical manipulation and the elements of mechanical theory. The shop is a room 118 feet by 35 feet, divided into four nearly equal parts. Of these, the first, the wood-working room, contains fifteen double benches, with closets and tools, for a class of thirty. The second, for forge and vise-work, contains six forges, twenty anvils, two benches with fifteen vises, a bench for moulding, and an assortment of forge and vise tools. It has accommodation for a class of thirty pupils. The third, or lathe-room, contains twenty-six speed-lathes for wood and metal turning, four engine-lathes, a planer, a circular saw, and two testing-machines, affording, like the others, accommodation for thirty students. The fourth contains a horizontal steam-engine of twenty-five horse-power, which drives the

lathes and grind-stones, as well as the dynamos which furnish electric currents for experimental puposes and for the illumination of the shops. There is also in an adjoining room, a gas-engine of eight horse-power to take the place of the steam-engine when less power is required, and also a small vertical steam-engine, so arranged that it may be taken apart by students to allow of the study of its construction.

The Course of Study in the Workshop extends over the whole five years of the Mechanical Course, and over such portion of this time as may be found practicable for those students of the other courses who may elect it. For the complete course, the exercises and studies in the shop are as follows :

First Year—Theory and use of wood-working tools; properties, defects, treatment and preservation of timbers; use of testing-machine in the testing of timber.

Second Year—Theory and use of metal-working tools; properties of metals and modes of working and testing them.

Third Year—Joining metals by riveting, soldering and brazing; use of the speed-lathe; study of the parts of the steam-engine from drawings, models, descriptions and examination of engine.

Fourth Year—Use of the engine-lathe; screw-cutting, boring, turning, facing; measures of precision; scraping, finishing and fitting.

Fifth Year—Strength of materials; proportioning of parts of engines; managing and testing of engines.

DISCIPLINE.

Every student shall conduct himself according to the rules of good manners, good morals and manly propriety; shall give punctual and constant attention to all his duties; shall use the property of the institution with care and economy, and restore the same when required. Violations of the rules of the College and of propriety are visited with punishment, which varies according to the gravity of the offense, from demerit marks and formal admonition to suspension by direction of the President,

and dismissal by vote of the Faculty. No student is demerited without receiving notice of the fact and the reason. A student who has received 100 demerit marks in one term, or 175 in one academic year, must leave the College.

EXAMINATIONS.

There are two examinations of all the students in all departments each year. The first is held at the close of the first term in January. It extends over a fortnight, and is really a rapid review of the studies of the term. It is conducted by means of oral recitations, and in accordance with the schedule of recitations pursued during the term. The difference lies mainly in the greater length of the daily lessons and the omission of explanations on the part of the instructor. If, upon the termination of this review, it appears to the Faculty that a student has fallen so far behind as to make it unprofitable for him to attempt to proceed or to make him a drag upon his class, he is not allowed to continue with it. The second examination is held at the close of the second term, in June; it extends over eight working days. It is conducted mainly in writing, so that all the students in the class are examined at the same time and subjected to the same tests. The results of the examination are carefully considered by the Faculty. Those students who have done but indifferently in all or many of the studies, and those who are seriously deficient in several, and it may be in only one, are not advanced. They may, if their parents desire it, devote another year to the same division of the course; but no student is allowed to go over the same grade more than twice.

ALLOWANCE OF MARKS.

1. No student who is absent from any College exercise during the term, except as stated in Rule 3, shall receive any mark for the same until he has given to the President a sufficient explanation of his absence, and to the Instructor satisfactory evidence, *within one week after such absence*, of having performed the duty assigned for the time of his absence.

2. No marks shall be allowed for absence more than twice in any one term, nor for more than five consecutive days of absence in one term, except on a vote of the Faculty in each case.

3. For one day's absence in each term the President may, at his discretion, direct that a student shall be allowed his average mark for the fortnight in which such absence occurred.

4. In the Examination Review, marks may be allowed for absence of two days, and no more, if the student pass on examination in the work of the days of his absence.

5. A student absent from the Examination for Advancement, for good cause, may be examined subsequently for the purpose of determining whether he shall be advanced or not. But no mark shall be given for such examination. At the close of the student's course; however, the Faculty may, on his application, allow for the examinations from which he was absent the average mark of the student in all the examinations in the same department.

MERIT ROLL.

The Merit Roll is made up immediately after the second examination, and is published once a year. On this roll each student is ranked according to his standing in his class, determined by his merit-marks received for study and conduct during the two terms and at the examinations.

The Merit Roll maximum for each term in any subject is ascertained by multiplying the number of recitations in a week in that subject by one hundred; one-half of this maximum is for the term-work, and one-half for the examination.

The maximum of conduct for a term is two hundred, and the conduct-mark of each student is determined by deducting from such maximum all his demerit-marks.

On the Merit Roll the students are classified as Highest, High, Good and Low.

The student who has the greatest number of marks in his class ranks Highest.

Students rank High the total of whose marks, in study and conduct together, equals or exceeds eight-tenths of the maximum.

Students rank Good the total of whose marks equals or exceeds six-tenths of the maximum.

The remaining students rank Low.

A copy of the Merit Roll is sent to the parent or guardian of each student.

COMMENCEMENT.

The Commencement of the College is held on the fortieth Thursday after the opening of the first Term.

COMMENCEMENT HONORS.

1. Not more than six orations and dissertations shall be delivered by the students at Commencement.

2. No oration or dissertation shall occupy more than ten or less than seven minutes in its proper delivery.

3. The orators at Commencement shall be the first six members of the Graduating Class in rank, counting from the beginning of the Freshman year to the close of the Senior year.

4. The Valedictory oration shall be the first honor, and the Salutatory shall be the second; the remaining honorary orations shall be numbered according to the rank of the students.

5. If any of these Honor-men, except the Valedictorian and the Salutatorian, have not received eight-tenths of the maximum in Oratory (Composition and Delivery), during the Senior year, their names shall be entered on the programme, marked Excused, and suitable substitutes, in order of rank, shall be appointed.

6. When the student below the sixth rank is thus appointed, his oration shall be entered on the programme as a dissertation. The dissertation shall be numbered according to the rank of the students appointed to deliver them.

“Extract from the Minutes of the Faculty of December 22, 1884.”

1. On or before the first of April of each year the students of the Senior Class shall hand to the President an original composition, written as a Graduation thesis, which shall contain not less than seven hundred words, nor more than nine hundred

words, and which shall be examined by the Professor of the English Language and Literature, and marked on a scale of 50.

2. Any student who shall receive less than 60 per cent. shall be rated deficient, and such deficiency shall be counted a deficiency in one of the branches of study in determining the student's graduation.

3. An Honor-man not otherwise disqualified, shall deliver his Graduation thesis on Commencement, if in the opinion of the President and the Professor of the English Language and Literature the merits of the composition warrant public presentation; otherwise the author shall not speak at Commencement, but be marked "Excused" on the programme of Commencement exercises and a suitable substitute shall be provided.

4. No oration shall be delivered at Commencement, unless it have been duly rehearsed before the Professor of the English Language and Literature, or in case the Professor request it, before some other officer of the College, designated by the President. Each oration shall be finally rehearsed at least once in the College chapel and once in the hall where the Commencement exercises are to take place; and no student shall be allowed to speak at the Commencement unless his declamation be satisfactory to the officer before whom he has rehearsed, nor unless he have acquired such command of his oration as to be able to speak it without the aid of a prompter.

MEDALS AND PRIZES.

THE PELL MEDALS.

In 1849, Duncan C. Pell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the student who shall rank highest in all the studies of the year taken together; and in 1856, the donor authorized the trustees of the fund to devote a portion of the income to the provision of a silver medal, to be given to the student who shall rank second.

THE CROMWELL MEDALS.

In 1850, Charles T. Cromwell, Esq., by the gift of \$500,

established a gold medal, to be awarded annually to the best scholar in History and Belles-Lettres; and in 1856, the donor authorized the provision of a silver medal for the second scholar.

THE WARD MEDALS.

In 1853, Augustus H. Ward, Esq., established twenty bronze medals to be awarded annually, each for one of the studies appointed, to the student of most proficiency therein, provided he shall have regularly pursued such study for not less than two months of the collegiate year then closing; a student gaining one medal not to be precluded from obtaining others at the same time or subsequently.

The subjects are: Chemistry, Natural History, Natural Philosophy, Moral Philosophy, Political Science, English, Greek, Latin, French, Spanish, German, Oratory, Composition, Logic, Astronomy, History, Drawing, Algebra and Geometry, Descriptive Geometry, Botany.

THE RIGGS MEDALS.

In 1864, Elisha Riggs, Esq., by the gift of \$1,000, established a gold medal, to be annually awarded to the author of the best English Prose Composition in the Senior Class, and a gold medal to be awarded to the author of the best English Prose Composition in the Junior Class; any surplus of income to be applied by the Trustees to further, in any way they may think best, the design of the donor to stimulate the cultivation of English Composition in the College of the City of New York. The competition is open to all who have received not less than four-fifths of the maximum in English Composition from the beginning of the Junior year. The names of the competitors must be handed to the President on or before the second Monday in February. The essays must be handed in on the first Monday in June.

THE CLAFLIN MEDALS.

In 1871, John Claflin, Esq., by the gift of \$1,250, established two gold and two silver medals, to be awarded as follows:

A gold medal to the student of the Senior Class who shall pass the best competitive examination in Greek; a gold medal to the student of the Junior Class who shall pass the best competitive examination in Latin; a silver medal to the student of the Freshman Class concerning whom the Professor of Greek shall certify that he has made the greatest proficiency in that department; and a silver medal to that student of the Freshman Class who shall receive a corresponding certificate from the Professor of Latin.

PRIZES FOR DECLAMATION.

PROSE.

In 1852, the President of the Board of Education offered a prize for excellence in public speaking, to be called the PRIZE OF THE PRESIDENT OF THE BOARD OF EDUCATION; and the successive Presidents of the Board have continued it.

The six speakers contending for this prize are chosen by their classmates, two from each of the three higher classes. Only such students are eligible as have not received fifty demerit marks during the first term, or twenty-five during the second term preceding the day of the election. They speak selected pieces. The prize is awarded by a committee of gentlemen having no relation to the College and selected by the donor.

POETRY.

Since 1855, a gentleman of this city has offered a "Prize to the best Declaimer of a Selected poem," the competitors to be selected, one from each of the three higher classes, by the students of said classes respectively; the declamations to be delivered at the same time as the prose declamations, and the award to be made by the committee selected to confer the prize in prose speaking.

The Prize Speaking is usually held on the Monday preceding Commencement. The successful Riggs essayists read their essays on the same occasion.

THE KELLY PRIZES.

In 1868, James Kelly, Esq., by the gift of \$1,000, established two prizes. One prize is given to the best debater in the Literary Societies; three contestants being chosen by the Clionian Society, and three by the Phrenocosmian. The President of the Board of Trustees selects the subject and submits it to the Faculty for approval. The debate is held in the College Chapel during the week preceding Commencement.

The other prize is given to the member of either society who shall write the best critique on some work of English literature. The subject is announced before the Christmas vacation, and the essays must be handed in on the first Monday in June.

The judges of the debate are selected by the President of the Board of Trustees; the judges of the essays are the President of the College, the Professor of History and the Professor of the English Language and Literature.

THE BELDEN PRIZES.

In 1883, William Belden, Esq., by the gift of \$1,000 established prizes for excellence in Pure Mathematics. The nature of the prizes and the terms of their award are to be determined from time to time by the President of the College and the Professor of Pure Mathematics.

At present the following prizes are to be awarded annually on Commencement Day, in the Junior and Sophomore Classes :

1. A gold medal to the student in each class of greatest proficiency in the studies of the department during the year. This greatest proficiency is to be determined either from the marks from recitations and on examinations, or by a special competitive examination, as may in each case seem best to the Trustees.

2. A silver medal to any other student, in either class, whose aggregate marks for recitations and on examinations shall reach ninety-five per cent. of the maximum.

THE F. W. DEVOE & CO. PRIZES.

In 1885, Messrs. F. W. Devoe & Co. offered two prizes, each to consist of a set of drawing instruments of the value of twenty-five dollars, for proficiency in the Mechanical Arts. They are to be awarded by a committee, consisting of the President of the College, the Chairman of the Executive Committee of the Board of Trustees, and the Professor of Applied Mathematics, to the student of greatest merit, in the first and second years respectively, of the Workshop Course. Students of the Classical and Scientific courses may compete. The merits of the competitors are to be judged by the excellence and quickness of their work, and by the improvement made by them during the year.

THE KETCHUM PRIZES.

In May, 1891, Alexander P. Ketchum, Esq., put into the hands of a committee, composed of the Chairman of the Board of Trustees, the President of the College, and the Professor of Moral and Intellectual Philosophy, a sum of money sufficient to secure to the Department of Philosophy funds to provide annually four prizes, to be awarded to those students of the Senior and Junior Classes giving the best written evidence of proficiency in Philosophy and Political Economy at the June examinations in those subjects.

CLASSICAL SCHOLARSHIP.

This College being, through the action of its officers and Alumni, associated with eighteen of the leading universities and colleges in the United States, in support of the American School of Classical Studies at Athens, the School is open to any properly qualified graduate of this College. Those desiring to avail themselves of this privilege should apply to the Professor of Greek for information and a certificate of scholarship.

DEGREES.

The degree of *Bachelor of Arts* is conferred on those students who have completed the Classical course; that of *Bachelor of*

Sciences on those who have completed either of the Scientific courses.

The Faculty recommends no student for a degree whose average standing in the studies of the Senior year has fallen below six-tenths of the maximum. Every member of the graduating class is required to write a composition for oral delivery, to be sent in four weeks before Commencement.

A Bachelor of Arts or of Sciences may be recommended for the degree of Master of Arts or of Sciences, on the following conditions :

1. He shall, at the date of the Commencement at which the degree is to be conferred, have been graduated at least three years.

2. He shall have been engaged for at least two years in the study of some literary or scientific subject, and shall furnish, as evidence of such study, either the diploma of the college or school which he has attended, or a detailed statement of the subjects and books which he has studied.

3. He shall present to the Faculty, at least six weeks before the Commencement, a thesis, satisfactory both in matter and style, on some subject connected with his studies, accompanied by a declaration that such thesis is his own work.

THE ASSOCIATE ALUMNI.

The College has graduated in forty classes, from 1853 to 1892, 1,516 men, of whom about 1,275 are living. These are associated under the name of "The Associate Alumni of the College of the City of New York." The annual meeting is held on the day after the Commencement, at the College building. The officers for the present year are :

President.....RICHARD LELAND SWEEZY, '74.

Vice-PresidentCHAS. E. LYDECKER, '71.

Secretary.....JOHN WELDON, JR., '61.

Treasurer.....LEWIS F. MOTT, '83.

Historian.....JOHN SHERMAN BATTELL, '73.

STUDENTS' AID FUND.

In 1857, the Associate Alumni established a fund for the purpose of assisting such students as might otherwise find difficulty in completing their collegiate course. This fund is maintained by contributions from the Alumni. The management of the fund is committed to five trustees, who loan, without interest, such sums as they think proper to deserving students; and neither the names of those to whom the loans are made, nor the amounts of the loans, are known to any but the trustees and the auditors of the fund.

The following are the present trustees, to whom application may be made :

JOHN R. SIM, '68.....At the College.

JOHN HARDY, '53265 Broadway.

ALFRED G. COMPTONAt the College.

CHARLES L. HOLT, '53.....188 Front Street.

EVERETT P. WHEELER, '56.....45 William Street.

LITERARY SOCIETIES.

Two Literary Societies, the Clionian and the Phrenocosmian, are connected with the College. They are devoted to the cultivation of the arts of composition, oratory and debate and the promotion of friendly intercourse between students.

Weekly meetings are held during the collegiate year. The exercises consist of the reading of an essay and a selection, the delivery of a declamation or an oration, and the debate of a question previously appointed. A magazine is also read at intervals, to which the members contribute, anonymously, articles of a lighter nature than the essays. The Clionian library, containing many valuable books, and the Phrenocosmian reading-room, where may be found the leading magazines and periodicals of the day, are in two of the side-rooms of the Chapel, and are open to the members every afternoon of the College week.

COMMENCEMENT.

JUNE 23, 1892.

The following award of Medals and Prizes was made according to the terms and conditions heretofore mentioned :

THE PELL MEDALS.

First, Gold	CHARLES DERLETH, JR	Sophomore.
Second, Silver	F. E. M. BULLOWA.....	Senior.
Third, Silver	J. W. EHRRICH.....	Sophomore.
Fourth, Silver	W. M. WECHSLER.....	Sophomore.

A gold medal was awarded to ED. C. ZABRISKIE for 1890-91.

A silver medal was awarded to WILLIAM T. KLEIN for 1890-91.

THE CROMWELL MEDALS.

SOPHOMORE CLASS.

First, Gold.....	HAROLD CARL GEYER.
Second, Certificate.....	JESSE W. EHRRICH.
Third, Certificate	BROWNELL GAGE.

A certificate of equal merit with BROWNELL GAGE to OSWALD SCHLOCKOW.

THE WARD MEDALS.

Chemistry	E. A. VON FINTEL.....	Senior.
Natural History.....	F. E. STANTON.....	Senior.
Natural Philosophy	ARTHUR BRUCKNER	Senior.
Logic.....	JESSE W. EHRRICH.....	Sophomore.
Political Science	PETER SCHMUCK	Junior.
English.....	EDGAR J. KOHLER	Junior.
Greek	RAYMOND REUBENSTEIN.....	Senior.
Latin.....	F. E. M. BULLOWA.....	Senior.
French	AUSTIN THOMPSON	Sophomore..
Spanish.....	ADOLPH GOLDHAMMER.....	Junior.
German	HERMANN G. FRIEDMANN.....	Junior.
Oratory	GEO. M. S. SCHULZ	Senior.
Composition	{ ALFRED A. COOK	} Senior.
	{ EMANUEL HERTZ.....	
Moral Philosophy.....	HERMAN B. BARUCH.....	Senior.
Astronomy.....	ERNEST A. VON FINTEL.....	Senior.
History	HAROLD CARL GEYER... ..	Sophomore.
Drawing.....	CHAS. DERLETH, JR	Sophomore.
Algebra and Geometry..	EDWARD KASNER... ..	Sub-Freshman.
Descriptive Geometry...	DAVID E. MCFARLAND	Freshman.
Botany	EMILE W. SCHERR.....	Sub-Freshman.

Certificates of equal merit with those who received the medals, were awarded as follows :

Political Science.....EDGAR J. KOHLER.....Junior.
Algebra and Geometry....RUDOLPH C. PORKORNY.....Sub-Freshman.

THE RIGGS MEDALS.

SENIOR CLASS.

SUBJECT:—"The proper relation of the City to the State."

EMIL GOLDMARK.

Honorable Mention.....F. E. M. BULLOWA.

JUNIOR CLASS.

SUBJECT:—"Cromwell as a Statesman."

JOHN DEARLING HANEY.

Honorable Mention.....EDGAR J. KOHLER.

THE CLAFLIN MEDALS.

SENIOR CLASS—Greek.

ISAAC MOSS.

JUNIOR CLASS—Latin.

JOSEPH FISCHER.

FRESHMAN CLASS.

Greek.....ADOLPH M. MINKOWSKY.

Latin.....MARTIN WECHSLER.

Certificate of Equal Merit.NATHAN BALLIN.

THE PRIZES OF THE PRESIDENT OF THE BOARD OF EDUCATION.

Prose Declamation.....G. M. S. SCHULZ.....Senior.

Poetry Declamation.....M. B. OPPENHEIMER.Sophomore.

Honorable mention (Prose). .P. D. MEAGHERSophomore.

" (Poetry). .F. APPLETON.....Junior.

THE KELLY PRIZES.

FOR THE BEST DEBATE. SUBJECT:—"That Senators of the United States should be chosen by direct vote of the people."

EMIL GOLDMARKSenior.....Of the Phrenocosmian Society.

FOR THE BEST CRITIQUE. SUBJECT: "Poems of Oliver Wendell Holmes."

ALFRED A. COOKSenior.....Of the Phrenocosmian Society.

Honorable Mention....EMANUEL HERTZ....Of the Clionian Society.

THE BELDEN MEDALS.

JUNIOR CLASS.

First,	Gold Medal.....	WALTER TIMME.
Second,	Silver Medal.....	SOLOMON HYMAN.
Third,	Silver Medal.....	M. S. LEVUSOVE.
Fourth,	Silver Medal.....	EDWIN P. FISCHER.
Fifth,	Silver Medal.....	CHAS. H. SCHUM.
Sixth,	Silver Medal.....	WILLIAM A. DALTON.
Seventh,	Silver Medal.....	SOLOMON D. BENOLIEL.

SOPHOMORE CLASS.

First,	Gold.....	CHARLES DERLETH, JR.
Second,	Silver.....	JESSE W. EHRLICH.
Third,	Silver.....	OSWALD SCHLOCKOW.

THE F. W. DEVOE PRIZES.

Wood-working.....	GEO. F. STAHL.....	Sub-Freshman.
Metal-working... ..	JAMES ELGAR.....	Freshman.

THE KETCHUM PRIZES.

SENIOR CLASS—History of Philosophy.

First Prize	F. E. M. BULLOWA.
Second Prize } Equal merit	{ E. VON FINTEL.
“ “ }	{ H. B. BARUCH.

JUNIOR CLASS—Political Economy.

First Prize.....	EDGAR J. KOHLER.
Second Prize.....	ROBERT W. THOMPSON.

HONORS.

The honors at Commencement were:

First (Valedictorian).....	ERNEST A. VON FINTEL.
Second (Salutarian).....	HERMANN B. BARUCH
Third.....	EDWARD A. ALEXANDER.
Fourth.....	ALFRED A. COOK.
Fifth.....	FRANZ SIGEL, JR.
Sixth.....	FERDINAND E. M. BULLOWA.

Honorable mention is made of FREDERICK EVERETT STANTON, EMIL GOLDMARK, SOLOMON CHARLES BERNSTEIN, MEYER LEVY, ARTHUR KNOX, LEWIS HERBERT FREEDMAN, and NATHAN OTTINGER, for having obtained over eighty-five per cent. of the maximum of marks from the beginning of the Freshman year to the end of the Senior year.

DEGREES CONFERRED.

DOCTOR OF PHILOSOPHY.

ABBE, CLEVELAND, A.M., '57. MCMASTER, JOHN B., A.M., C.E., '72.

MASTER OF ARTS.

KELSEY, CHARLES BOYD, A.B., M.D., '70.

BACHELOR OF ARTS.

WILEY, WILLIAM H., '61. REMSEN, IRA, '65.
TUNIS, JOHN, '65.

BULLOWA, FERDINAND E. M.	MOSS, ISAAC.
COLEMAN, JOHN B.	POWERS, FRANCIS W.
FREEDMAN, LEWIS H.	REUBENSTEIN, RAYMOND.
GREENBAUM, JACOB H.	RIESER, MAX GUSTINE.
HENWOOD, WILLIAM J.	ROSENZWEIG, JOSEPH.
HERTZ, EMANUEL.	SCHULZ, GEORGE M. S.
KNOX, ARTHUR.	SCOULER, AMBROSE A.
LEVY, MORRIS,	SHERA, GEORGE W.
LIEBERMANN, WILLIAM.	SILBERSTEIN, SOLOMON D.
LOEWY, GEORGE S.	SOBEL, JACOB.
MCNEILL, JR., ERNEST.	TAYLOR, JR., GEORGE H.
MARTIN, JR., JEREMIAH N.	THORNER, MAURICE.
WHITEHORNE, FREDERICK W.	

BACHELOR OF SCIENCES.

ALEXANDER, EDWARD ALBERT.	JACOBUS, THEODORE T.
BARUCH, HERMANN B.	JENNINGS, GEORGE E.
BENEDIKT, VICTOR M.	JOSEPHSON, ISAAC.
BERNSTEIN, SOLOMON C.	LEVY, MEYER.
BRUCKNER, ARTHUR.	MILLER, JR., JAMES C.
BYRNE, GEORGE T. L.	NATKINS, ISAAC.
CHAPMAN, R. FENDALL.	NEWMAN, HENRY.
COOK, ALFRED A.	OTTINGER, NATHAN.
CRAFT, WARREN M.	ROESER, EDWARD N.
DAILEY, ALFRED M.	SCHMEIDLER, BENJAMIN.
EARLE, THORNTON.	SCOTT, FRANK.
FINTEL, ERNEST A. VON	SIGEL, JR., FRANZ.
GOLDMARK, EMIL.	SPERANZA, GINO C.
HAIGHT, S. CARLTON.	STANTON, FREDERICK E.
HAUSWIRTH, LOUIS.	STRATTON, ALEXANDER.
HELLERSON, CHARLES E. W.	STROH, FREDERICK A.

COLLEGIATE CALENDAR.

1892-1893.

1892.

Sept. 15. Thursday.—Commencement of First Term.

Oct. 10, 11 and 12, }
Oct. 21. } Columbian Celebration.

Nov. 8. Tuesday.—Election Day.

Nov. 24. Thursday.—Thanksgiving Day.

Dec. 24. Saturday.— }
 } WINTER VACATION.

1893.

Jan. 2. Monday.— }

Jan. 13. Friday.—End of First Term.

Jan. 16. Monday.—Review Examination commences.

Jan. 27. Friday.—Review Examination ends.

Jan. 30. Monday.—Commencement of Second Term.

Feb. 22. Wednesday.—Washington's Birthday.

March 31. Friday.—Good Friday.

April 29. Saturday.— }
May 6. Saturday.— } SPRING VACATION.

May 24. Wednesday.—End of Second Term.

May 25, 26, 29.—Examination for Admission.

May 30. Tuesday.—Decoration Day.

June 1, 2, 5, 6, 8, 9.—Examination for Advancement.

June 16. Friday.—Kelly Debate.

June 19. Monday.—Prize Speaking.

June 22. Thursday.—Commencement.

June 23. Friday.— }
Sept. 13. Wednesday.— } SUMMER VACATION.

Sept. 14. Thursday.—Commencement of First Term.

BOARD OF TRUSTEES.

NAME.	RESIDENCE.	PLACE OF BUSINESS.
Crosby, J. Schuyler,	293 Fifth Avenue.	
Gerard, James W.,	17 Gramercy Park.	
Gray, William H.,	130 West 11th Street.	22 Wooster Street.
Guggenheimer, R.,	16 East 81st Street,	46 Wall Street.
Harris, R. Duncan,	117 East 34th Street.	
Holt, Charles L.,	117 West 130th Street,	188 Front Street.
Hopper, Isaac A.,	165 West 122d Street,	200 West 124th St.
Hubbell, Charles B.,	143 West 64th Street,	2 Wall Street.
Hunt, John L., N., LL.D.,	207 West 69th Street,	137 Broadway.
Knox, Charles H.,	757 Madison Avenue,	54 William Street.
Lummis, William,	547 Madison Avenue.	
Maclay, Robert,	50 West 57th Street,	432 Canal Street.
McBarron, James W.,	283 East Broadway,	283 East Broadway.
Moriarty, Thaddeus,	39 West 130th Street,	209 Park Row.
O'Brien, Miles M., LL.D.,	135 West 71st Street,	224 Church Street.
Purdy, Samuel M.,	West Farms,	West Farms.
Sanger, Adolph L.,	50 East 63d Street,	115 Broadway.
Strauss, Charles,	137 West 95th Street.	237 Broadway.
Webb, Alexander S., LL.D.,	15 Lexington Avenue,	College.
Wehrum, Chas. C.,	315 East 20th Street.	
Williams, Mrs. Clara M.,	130 West 70th Street.	
Arthur McMullin, A.M., Secretary; Office, Hall of the Board of Education.		
Edward E. Van Saun, Assistant Secretary; Office, Hall of the Board of Education.		

ION.

THURSDAY.					FRIDAY.					
2	3	4	5	6	1	2	3	4	5	6
Sr ^{2a}	J ⁴	J ³ ^{4, 5 6, 15}			Sr ^{2a} ^{3, 8 11, 13}	J ⁴	Sr ^x	J ³ ^{1, 9 12, 16}		
J ⁵	Sr ^{sc}	J ⁴			J ³	J ²		Sr ^{sc}		
Sr ^{1b}	Sr ^{cl}	J ²			J ^{1,2}	Sr ^{1b}	Sr ^{cl}			
S ³	J ³				J ⁵	J ¹	J ⁴			
S ¹		Sr ^{1,2}			S ¹			S ³		
J ¹	J ²				Sr ¹	Sr ²	J ³	J ¹		
J ²		J ¹				S ²	J ²	Sr ^{cl}		
J ⁴		S ²				J ³	S ¹	J ⁴		
S ²	J ¹				S ²	S ¹	J ⁵			
F ²		J ⁵			F ¹	F ³	J ¹	F ⁵		
Sr ^{1a}	F ⁸	F ⁵				Sr ^{1a}	F ⁹	F ⁷		
F ⁴	F ³	F ¹			F ⁵	F ⁴	F ²	F ³	F ⁹	
	S ³	F ³			F ³	15	S ⁴			
F ⁷	F ¹	F ⁸			F ²	F ⁵	F ⁷	F ¹		
1	6	8			7	5	2	4		
7	4	3			5	2	3	6		
J ³	S ^{4,5}	S ^{4,5}				S ³	S ³	J ²		
F ¹⁰	9	F ⁹				9	F ¹⁰	F ⁹		
	S ²	S ¹			S ⁴	S ⁵	S ²	S ¹		
14	15	13	11	16	15	12	14	11	13	16
F ⁹	F ¹⁰		F ¹¹		F ⁹		F ¹¹	F ¹⁰		
F ³	1				1	F ³	F ⁴	S ²		
Sr ^{2b}	J ⁵				Sr ^{2b}	S ⁴	F ⁸	J ⁵		
S ⁵	F ⁵	F ⁶			S ³	S ⁴	F ⁸	S ⁵		
F ⁵	S ¹	S ³			J ⁴	J ⁵	F ⁵	F ³		
	F ⁹	F ¹¹	12		F ¹⁰	F ⁹	S ⁵	F ¹¹		
6	F ⁶	F ²			F ⁶	F ²	6	F ⁴		
F ¹¹	J ⁵		F ⁹			6	4	J ⁵		
12	2		F ¹⁰		F ⁷	F ⁶	7	13		
F ⁶	F ⁴	9			F ⁴	14	16	F ⁶		
S ⁴	F ¹¹				S ⁵	F ¹⁰	Sr ^x	S ⁴		
11	7	10			6	10	11	7		
15	14	16				16	15	14		
9	10	14				1	9	10		
4	F ²	F ⁴			4	F ¹	F ³	F ²		
F ⁸	F ⁷	F ¹⁰			F ⁸	F ¹¹	F ⁶			
3	12	7			12	7	8	3		
2	11		14		14	11	13	2		
5	3	2			2	3	5			
F ¹	5	F ⁷			F ¹¹	F ⁷	F ¹	5		
10	16	1			10	4	1		16	
8	13	12			9	13	12	8		
13	8	11	16			8	10	15		

SCHEDULE OF ASSIGNMENTS OF CLASS-ROOM INSTRUCTION.

		Room.	MONDAY.						TUESDAY.						WEDNESDAY.						THURSDAY.						FRIDAY.					
			1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Prof.	Dorennis	Lecture.	Sr ^{all}						^{5, 6} J ⁴	^{4, 9} Sr ^{2a}	^{11, 16} J ³			^{1, 3} Sr ^{2a}		^{2, 7} J ⁴	^{12, 14} J ³			^{2, 7} J ⁴	^{11, 13} Sr ^{2a}	J ¹	^{4, 5} J ³			^{3, 8} Sr ^{2a}	^{11, 13} J ⁴	^{12, 16} Sr ^x	^{1, 2} J ³			
"	Werner	17	J ⁴	J ³	Sr ^{2a}			J ⁴	Sr ^{2a}	J ³			J ⁴	Sr ^{2a}	J ³	J ²			J ⁴	Sr ^{2a}	J ³	J ²			J ⁴	Sr ^{2a}	J ³	J ²				
"	Compton	15	Jr ^{3,4,5}	J ^{1,2}	Sr ^{3c}			J ^{1,2}	J ³	J ⁵	Sr ^{3c}			J ⁴	Sr ^{3c}	J ¹	J ²			J ¹	J ⁵	Sr ^{3c}	J ⁴			J ³	J ²					
"	Herbermann	12	J ¹	Sr ^{1b}	Sr ^{1c}			J ¹	Sr ^{1b}	J ²			J ¹	J ²	Sr ^{1b}				J ²	Sr ^{1b}	Sr ^{1c}	J ²			J ^{1,2}	Sr ^{1b}	Sr ^{1c}					
"	Scott	19	F ¹	J ³	S ³			J ⁵	S ³	J ²			J ¹	S ³	J ⁴				J ²	S ³	J ³				J ⁵	J ¹	J ⁴					
"	Woolf.	Drawing.	S ³		S ⁴				S ²	S ¹	S ⁴			S ³	S ²	S ⁴			S ²	S ¹		Sr ^{1,2}			S ¹		S ³					
"	Newcomb.	22		Sr ²	J ^{1,2}	Sr ¹		Sr ²	J ²	J ³			Sr ¹	J ³	Sr ²			Sr ¹	J ¹	J ²				Sr ¹	Sr ²	J ³	J ¹					
"	Tisdall	6	J ²		S ¹	S ²		J ³	S ¹	J ¹	Sr ^{1c}			S ²	Sr ^{1c}	J ⁵			S ¹	J ²		J ¹			S ²	J ²	Sr ^{1c}					
"	Mason	21	S ²		J ⁴	S ¹		J ³	J ⁵		S ¹			J ³	S ²	J ⁵			J ⁵	J ⁴		S ²			J ³	J ²	Sr ^{1c}					
"	Johnston	9	S ¹	S ³	S ⁵			S ⁵		S ⁴	S ³			J ²	S ⁴	J ³			J ⁴	S ²	J ¹				S ²	S ¹	J ⁵	J ⁴				
"	Stratford	N. H. Hall.		F ⁵	F ⁸			J ⁴	Sr ²	F ²				F ¹	J ²	Sr ¹			J ³	F ²	J ⁵				F ¹	F ³	J ¹	F ⁵				
"	Fabregon	8		Sr ^{1a}	F ⁶	F ⁸			F ⁹	Sr ^{1a}	F ⁶			F ²	F ⁵	Sr ^{1a}	F ⁷			F ⁷	Sr ^{1a}	F ³	F ⁵			Sr ^{1a}	F ⁶	F ⁷	F ⁹			
Tutor	McGuekin	10	F ⁷	F ¹	F ⁹	F ⁴		F ⁵	F ²	F ¹	F ⁹			F ²	F ⁷	F ³	F ⁵			F ⁷	F ⁴	F ³	F ¹		F ⁵	F ¹	F ²	F ³	F ⁹			
"	Sin	20		F ³	15	S ³		S ⁴		F ³		15		S ⁴	S ³	15	F ⁵			15		S ³	F ³			F ³	15	S ⁴	F ²	F ³		
"	Hunt	13	F ⁸	F ²	F ⁷	F ³		F ³	F ⁸	F ⁵	F ⁷			F ³	F ²	F ¹	F ⁸	F ⁵		F ⁵	F ⁷	F ¹	F ⁸		F ⁵	F ⁷	F ¹					
"	Sickels	N. H. Hall.	9	10	3	2		1	6	8	7			10	4	3	9			5	1	6	8			7	5	2	4			
"	Smith	14	1	7	6	4	5		7	1	3	2			5	2	6	4			1	7	4	3			5	2	3	6		
"	Doremus	Lab.		S ²	S ²			Sr ¹	Sr ²	J ⁴	J ¹			J ⁵	S ¹	S ¹	Sr ²			Sr ²	J ³	S ^{4,5}	S ^{4,5}			S ³	S ³	J ²				
"	Legras	F	F ⁹	9	S ⁵		F ¹⁰		9	F ¹⁰	F ⁹	S ⁵			F ¹⁰	F ⁹	9	S ⁵			F ¹⁰	9	F ⁹			9	F ¹⁰	F ⁹				
"	Mott	18	S ⁵	S ⁴		F ²		S ¹	S ⁴	S ⁵	S ²			S ¹	S ⁵	S ⁴	S ²			F ³		S ²	S ¹			S ⁴	S ⁵	S ²	S ¹			
"	Mitchell.	Workshop.	15	14	11	12	13	16	13	14	15	12	11	16	14	12	13	15	11	16	12	14	15	13	11	16	15	12	14	11	13	16
"	De Groat	Workshop.	F ¹¹	F ⁹		F ¹⁰	S ⁵		F ⁹		F ¹⁰	F ¹¹	S ⁵		F ¹¹	F ¹⁰	F ⁹	S ⁵		S ⁵	F ⁹	F ¹⁰		F ¹¹	F ⁹	F ¹¹	F ¹⁰					
"	Rupp	11	F ²	S ¹	F ⁴	1			F ³	S ²	1			F ⁴	1	F ²	S ¹			F ²	F ³	1			1	F ³	F ⁴	S ²				
"	Baralt.	4	S ⁴	J ⁵		Sr ^{2b}				Sr ^{2b}	J ⁵			Sr ^{2b}	J ⁵	F ⁸				S ⁴	Sr ^{2b}	J ⁵			Sr ^{2b}	S ⁴	F ⁸	J ⁵				
"	Kost	G	S ⁴	F ¹⁰	F ⁵	F ⁷			S ⁵	S ³	F ¹⁰			F ⁷	F ⁶	F ⁸	S ³			S ⁴	S ⁵	F ⁵	F ⁶		S ³	S ⁴	F ⁸	S ⁵				
"	McNulty	O	F ⁵	F ⁸	J ⁵	S ⁴		S ²	F ³	F ⁸	J ⁴			F ⁸	J ⁴	F ⁵	J ⁵			F ⁸	F ⁵	S ¹	S ³		J ⁴	J ⁵	F ⁵	F ⁸				
"	Fox.	3		S ⁵	12	F ⁹	14		F ¹⁰	12			F ¹¹		S ⁵	F ¹⁰	F ⁹			F ¹⁰		F ⁹	F ¹¹	12		F ¹⁰	F ⁹	S ⁵	F ¹¹			
"	Parmly	E	F ⁴	6	F ²	F ⁶			F ⁴	F ⁶	6	F ²			6	F ⁴	F ⁶	F ²			F ⁴	6	F ⁶	F ²		F ⁴	6	J ⁵				
"	Ilgen	M	4	J ⁵	5	6			F ¹¹	4	5	J ⁵			F ⁹	J ⁵	5	6			F ⁹	J ⁵	J ⁵		F ⁹		F ⁷	F ⁶	4	7	13	
"	Perham	Z	7	2	F ¹¹	13			F ⁸	2	12	F ⁵			7	13	F ⁴		12		F ⁹	12	2		F ¹⁰		F ⁷	F ⁶	7	13		
"	O'Brien.	5	F ⁶	16	9	15	11		F ⁶	9	F ⁴	15				14	11	16	15		11	F ⁶	F ⁴	9			F ⁶	14	16	Sr ^x		
"	Constant	H		F ¹¹	F ¹⁰	F ⁵			S ³	F ¹¹	F ⁷	F ⁸			S ⁵	F ¹⁰	F ⁹	F ⁶			S ³	S ⁴	F ¹¹			S ⁵	F ¹⁰	Sr ^x	S ⁴			
"	Fennebresque	7	6	11	10	7			11	7	10	6			11	6	7	10			6	11	7	10			6	10	11	7		
"	Downer.	Chapel.		15		14	16		14	15	16				15	16		14			15	14	16				16	15	14			
"	Perrin	Chapel.	14	1	8	3			8	10	14	3			9	8	1			3	9	10	14				1	9	10			
"	Remy.	Y	F ³	F ⁴	4			F ²	F ¹	4	F ⁴			F ³	4	F ¹				4	F ²	F ⁴				4	F ¹	F ³	F ²			
"	Meighan	N. H. Hall.	F ¹⁰	F ⁶	F ³	F ¹¹			F ⁷	F ⁴	F ⁶	F ³	F ¹⁰		F ⁶	F ⁸	F ¹¹	F ⁴			F ⁶	F ⁸	F ⁷	F ¹⁰		F ⁸	F ¹¹	F ⁶				
"	Reynolds	A	12	3	7	8				3	7	8	12		12	7	8	3			8	3	12	7			12	7	8	3		
"	Lippincott	C	2	13	14	11			2	13	11	14			2	11	14	13			13	2	11		14		2	11	13	2		
"	Burke.	X	3	5	2	F ¹			3	5	2	F ¹			3	5	2	F ¹			F ¹	3	5	2			2	3	5			
"	Carr	B		F ⁷	F ¹	5	F ¹¹		F ¹	F ⁷	F ¹¹	5			F ¹	5	F ⁷	F ¹¹			F ¹¹	F ¹	5	F ⁷		F ¹¹	F ⁷	F ¹	5			
"	Hanaway	L	10	4	1	16			4	16	1	10			4		10	1	16		4	10	16	1			10	4	1		16	
"	Augé	K	8	12	13	9			12	8	9	13				9	12	8	13		9	8	13	12				9	13	8		
"	Sigel		13	8	16	10	15			11	13		16		15	10		11				13	8	11	16			8	10	15		

OFFICERS OF THE COLLEGE.

Augè, Georges L.,	Tutor,	270 West 43d Street.
Baralt, Luis A.,	Instructor,	250 West 55th Street.
Bliss, Henry E.,	Dep'y Libra'n,	305 West 138th Street.
Bruckner, Arthur,	Tutor,	
Burke, Edmund,	Tutor,	188 Henry Street.
Carr, Henry S.,	Tutor,	133 Manhattan Avenue.
Compton, Alfred G.,	Professor,	40 West 126th Street.
Constant, Stanislas C.,	Tutor,	142 East 48th Street.
De Groat, James H.,	Tutor,	288 Summit Ave., Jersey City.
Doremus, Charles A.,	Tutor,	103 East 16th Street.
Doremus, R. Ogden,	Professor,	241 Madison Avenue.
Downer, Charles A.,	Tutor,	2068 Madison Avenue.
Fabregou, Casimir,	Professor,	111 West 130th Street.
Fennebresque, Louis,	Tutor,	1685 Morris Avenue.
Fox, William,	Tutor,	West New Brighton, S. I.
Friedburg, L. Heinrich,	Tutor,	1104 Lexington Avenue.
Hanaway, Samuel,	Tutor,	2774 Briggs Ave., Fordham.
Herbermann, Charles G.,	Professor,	223 West 25th Street.
Houston, Robert,	Instructor,	216 West 15th Street.
Hunt, Leigh H.,	Tutor,	Flushing, L. I.
Ilgen, Ernest,	Tutor,	369 Herkimer St., Brooklyn.
Johnston, Henry P.,	Professor,	37 East 50th Street.
Kost, Henry G.,	Tutor,	69 East 93d Street.
Legras, Gustave,	Tutor,	44 East 79th Street.
Lippincott, Harold E.,	Tutor,	230 West 76th Street.
Mandel, John A.,	Tutor,	Astoria, L. I.
Mason, James Weir,	Professor,	32 West 129th Street.
Mayell, Henry,	Secretary,	17 Lexington Avenue.
McGuckin, William G.,	Tutor,	126 West 129th Street.
McNulty, John J.,	Tutor,	144 East 47th Street.
Meighan, Howard S.,	Tutor,	Mamaroneck, N. Y.
Mitchell, Harvey F.,	Tutor,	164 East 89th Street.
Mott, Lewis F.,	Tutor,	367 West 19th Street.
Newcomb, George B.,	Professor,	256 West 57th Street.
O'Brien, Walter,	Tutor,	105 Baltic Street, Brooklyn.
Parmly, C. Howard,	Tutor,	344 West 29th Street.
Perham, Frederick E.,	Tutor,	221 West 132d Street.
Perrin, Ernest N.,	Tutor,	138 West 129th Street.
Remy, Arthur F. J.,	Tutor,	415 St. Nicholas Avenue.
Reynolds, Frederick G.,	Tutor,	140 West 132d Street.
Rupp, August,	Tutor,	320 East 30th Street.
Scott, David B.,	Professor,	112 West 122d Street.
Sickels, Ivin,	Tutor,	353 New York Av., Jersey C'y.
Sigel, Jr., Franz,	Tutor,	563 Mott Avenue.
Sim, John R.,	Tutor,	New Rochelle, N. Y.
Smith, Calvin R.,	Tutor,	293 Decatur Street, Brooklyn.
Stratford, William,	Professor,	245 West 52d Street.
Tisdall, Fitz Gerald,	Professor,	Woodbridge, N. J.
Webb, Alexander S.,	President,	15 Lexington Avenue.
Werner, Adolph,	Professor,	339 West 29th Street.
Woolf, Solomon,	Professor,	261 West 134th Street.
Bonney, Michael F.,	Janitor,	College Building.
Reed, James,	Engineer,	College Building.

STUDENTS.

SENIOR CLASS.

- Ansbacher, Samuel L., 1869 Madison avenue.
Austin, Berkeley C., 209 West 118th street.
Becker, Hubert, 322 East 79th st.
Benoliel, Solomon D. 116 W. 35th st.
Blumensohn, Henry J., 250 East Broadway.
Bretzfelder, Isaac, 87 Avenue B.
Brickner, Walter M., 812 Lexington avenue.
Cohn, Solomon, 44 Bowery.
Crooker, Fred F., 124 East 59th st.
Dalton, Wm. A., 613 East 9th st.
Daly, William H., 188 Lexington avenue.
Eckert, Louis, 210 East 70th street.
Eisman, H. Seymour, 124 East 74th street.
Emery, Dean, 1661 Washington avenue, Tremont.
Erdman, William, 14 East 78th st.
Fischer, Edwin Philip, 33 West 92d street.
Fischer, Joseph, 242 East 83d street.
Flynn, Henry S. J., 110 West 29th street.
Friedmann, Hermann George, 922 East 138th street.
Goldhammer, Adolph, 184 East 7th street.
Graff, Horace M., 40 West 83d st.
Green, Charles, 826 Lexington ave.
Haffner, Charles A., 655 Water st.
Haller, Edwin A. F., 124 West 28th street.
Haney, John D., 1233 Third avenue.
Hesselbach, Charles V., 93 Lexington avenue.
Hillebrandt, Oscar von, 191 Forsyth street.
Holden, Edwin C., 17 West 132d st.
Hyman, Solomon, 171 East 94th st.
Jacobus, Emanuel, 357 East 50th st.
Katz, Maurice J., 201 Henry street.
Kinkeldey, Carl W., 62 East 12th street.
Kohler, Edgar J., 115 East 71st st.
Levin, Henry M., 317 East 79th st.
Levussove, Moses S., 1930 Third avenue.
Levy, Louis, 119 East 122d street.
Lewis, Milton S., 8 East 75th street.
McNally, Edward J., 1589 Second avenue.
Martin, George K., Fordham, N. Y.
Mayer, Henry William, 843 Lexington avenue.
Moore, Fred. W., 320 East 30th st.
Neus, Engelbert, 454 East 116th st.
Newell, Frank, 219 W. 104th street.
Reynolds, James J., 133 East 115th street.
Ruhl, Henry Clay, 520 East 141st street.
Schmuck, Peter, 323 West 39th st.
Schnurer, Berthold, 60 East 116th street.
Schnepel, John Henry, 265 West 22d street.
Schum, Charles H., 256 Third ave.
Schutz, Samuel M., 155 West 85th street.
Shilansky, Michael, 247 East B'way.

Shoenfeld, Leonard B., 14 East 76th street.
 Smith, Frederick L., Kingsbridge.
 Stanton, Gilman Shattuck, 31 West 71st street.
 Steinberger, Victor, 342 East 51st street.
 Stern, Arthur, 55 West 50th street.
 Stock, Henry, Jr., 349 Seventh ave.
 Tenner, Arthur S., 1285 Columbus avenue.
 Thompson, Robert William, Jr., 229 West 97th street.
 Timme, Walter, 2 Riverview Terrace.

Tucker, Fitz-Henry Fay, 145 West 123d street.
 Turrell, Guy H., 2028 Lexington avenue.
 Ulfelder, Sidney, 335 East 65th street.
 Urban, Adolph, Jr., 206 West 105th street.
 Weinhandler, Sampson H., 319 East 17th street.
 White, John, Jr., 117 East 82d st.
 Zabriskie, Edward Cornell, 200 East 20th street.
 Zinke, Louis, 129 West 97th street.

JUNIOR CLASS.

Barrett, Sidney H., 219 West 132d street.
 Beaubian, Charles S., 107 West 27th street.
 Beckhardt, Moses, 136th Street, Amsterdam avenue.
 Bennett, Thomas Archie, 24 West 59th street.
 Bjorkwall, Charles H., 138 East 43d street.
 Blumenstiel, Edwin, 108 East 79th street.
 Brandeis, Julian W., 113 East 122d street.
 Cahn, Emanuel S., 161 East 79th St.
 Clarke, Alfred Bancroft, 211 East 11th street.
 Derleth, Charles, Jr., 585 East 134th street.
 Dewey, John A., 81 East 113th st.
 Donohue, Thomas Martin, 1240 Franklin avenue.
 Douglas, John, 145 West 81st street.
 Ehrich, Jesse W., 54 West 75th st.
 Eising, Eugene H., 6 East 66th st.
 Fox, David J., 127 East 79th st.
 Frank, Jerome, 112 East 79th st.
 Frey, Louis J., 1879 Madison ave.

Freund, Charles J., 138th street and Amsterdam avenue.
 Friesner, Isidore, 206 East 58th st.
 Gage, Stanley A., 507 W. 27th st.
 Geyer, Harold Carl, 78 2d street.
 Gold, William, 19 Carmine street.
 Goldrich, Leon W., 27 Prince street.
 Green, Leo, 826 Lexington avenue.
 Greenbaum, Samuel W., 64 Carmine street.
 Griffin, Bradney B., 1007 Washington avenue.
 Haas, Arthur C., 56 East 122d st.
 Haas, Leopold F. W., 418 East 85th street.
 Hartmann, Edward Martin, 1391 Washington avenue.
 Herzog, Harry Louis, 149 East 83d street.
 Heylman, Henry B., 561 Buckhout street, Mt. Hope.
 Hirsh, William H., 263 W. 21st st.
 Hyman, Julius, 419 East 85th street.
 Judkowitz, Herman, 362 East Houston street.
 Kilian, William G., 352 W. 33d st.
 Klein, Leo M., 132 East 94th street.
 Knowles, Frank T., 182 E. 64th st.

Koch, Edward George, 243 East 55th street.	Pollak, Benjamin, 19 West 113th st.
Kosmak, George W., 23 E. 93d st.	Rosenbaum, Alexander, 204 West 41st street.
Kurz, William Frederick, 166 Allen street.	Rosenberg, Aaron, 204 E. 29th st.
Laski, Leon, 271 West 36th street.	Rosenstein, Walter J., 33 E. 63d st.
Lefkowitz, David, 138th Street and Amsterdam avenue.	Rourke, Cornelius Stephen, 201 East 71st street.
Levy, Samuel, 742 Third avenue.	Rundquist, Emil A., St. Luke's Hospital, 17 West 54th street.
Lockhart, Robert John, 330 West 21st street.	Salant, Henry, 520 East 83d street.
McCormack, Richard F., 39 Bedford street.	Savage, José Ramon Fernandez, 344 West 123d street.
Manheims, L. R., 319 East 87th st.	Schlockow, Oswald, 154 Avenue C.
Marks, Charles Edwin, 51 E. 67th st.	Silberstein, Elias, 208 East 70th st.
Martin, Edward J., 436 Lenox ave.	Smith, Henry G. 924 Third avenue.
Meagher, Philip Daniel, 198 Third avenue.	Smith, John P., 355 West 17th st.
Meyer, Leo B., 2069 Madison ave.	Smith, Talbot S., Spuyten Duyvil.
Michaelis, Alfred, 53 St. Marks pl.	Steinberg, Maurice J., 230 Henry st.
Naumburg, Bernard, 124 W. 64th st.	Strasburger, Edgar, 240 West 24th street.
Neuman, Fredrick F., 604 Lexington avenue.	Thompson, Austin, 111 East 82d st.
O'Neill, Charles Edwin, 233 Centre street.	Werhart, Henry A., 552 East 85th street.
Oppenheimer, Hilton B., 1037 Fifth avenue.	Walsh, Michael R., 331 East 42d st.
Paskusz, Benj. G., 242 East 72d st.	Weichert, Max J., 437 West 13th st.
Pick, Louis, 334 East 70th street.	Weschler, J. C., 240 East 30th st.
	Wiener, Frederick, 1003 Madison avenue.
	Wurtz, Lionel, 2149 Seventh ave.

SOPHOMORE CLASS—CLASSICAL COURSE.

Adler, William, 419 East 63d street.	Deignan, James Herbert, 316 West 126th street.
Ballin, Nathan, 1283 Columbus ave.	Dieckman, Frederick W., Jr., 66 Irving place.
Baxter, David Elder, 32 West 60th street.	Dryfoos, Arthur David, 39 East 64th street.
Brennan, James H., Marcher ave., High Bridge.	Ehrhard, William Joselin, 315 East 29th street.
Burgemeister, Albert William, 300 East 31st street.	Ehrhorn, Oscar, 354 Bowery.
Burke, John James, 188 Henry st.	Elias, Heyman, 95 East 7th street.
Cairns, Bayard Snowden, 40 Grove street.	Ewen, John, Spuyten Duyvil.
Cameron, Walter Scott, 730 Ninth avenue.	Farley, Frank Leo, 231 East 26th st.
Davidson, Israel, 110 East B'way.	Flaum, Julius Arthur, 156 Rivington street.

Frees, John F., Jr., 612 East 156th street.
 Friedman, Joseph P., 172 Clinton street.
 Gabriel, Bernard L., 262 Willis ave.
 Gilchrist, Alfred John, 271 West 118th street.
 Goodman, Max, 354 East 4th street.
 Greenberger, Otto, 96 Goerck street.
 Guion, Clarence Childs, 1383 Washington avenue.
 Grossmann, David Edward, 349 East Houston street.
 Harrington, Wentworth Lewis, 222 West 23d street.
 Heymann, Everett Bernard, 134 East 80th street.
 Hollander, Edward, 78 Clinton st.
 Hunter, George William, 129 West 124th street.
 Kilmer, Clarence B., 9 East 57th street.
 Krowl, Harry Cates, 213 West 104th street.
 Kuhn, Arthur K., 32 West 84th st.
 Lewis, Nathaniel Henry, 85 Attorney street.
 Liebling, James S., 143 East 57th street.

Lurye, Henry I., 75 East 109th st.
 McAdam, Edward Wallace, 308 W. 20th street.
 Mahoney, Jeremiah Titus, 118 East 93d street.
 Menline, Isaac, 356 East 69th street.
 Minkowsky, Adolph Mitchell, 342 East 43d street.
 Mohr, Albert Gustav, 17 Bedford st.
 Neill, John Campbell, 128 West 100th street.
 Newman, Edward D., 740 5th street.
 O'Grady, Cornelius E., 1062 Forest avenue.
 Reich, Sigmund, 7 Avenue B.
 Ross, George, 128 West 132d street.
 Semken, George Henry, 763 Sixth avenue.
 Shattuck, Frederic Gant, 352 West 22d street.
 Smith, Oliver, 460 West 44th street.
 Spurr, Harry Blin, 52 East 116th st.
 Stark, Meyer Maurice, 87 Baxter st.
 Stiefel, Otto August, 1377 Lexington avenue.
 Sturtz, Samuel, 301 West 44th st.
 Wechsler, Martin, 153 Suffolk street.
 Weickert, Arnold Ernst, 437 West 13th street.

SOPHOMORE CLASS—SCIENTIFIC COURSE.

Adler, Maximilian L., 11 Attorney street.
 Bliss, Franklin, 722 St. Nicholas avenue.
 Boye, William, 288 Avenue A.
 Brussel, Herbert, 18 E. 81st street.
 Clarkson, Jay Whittaker, 48 East 66th street.
 Coleman, Nathan, 1309 Madison ave.
 Creeden, John F., 232 E. 18th street.
 Curtis, Harry J. A., 142 East 36th street.
 Dillenberg, Joseph, 325 E. 62d street.
 Eisner, Jerome, 158 East 72d street.
 Ellison, Elliot J., 1893 Madison ave.

Enthal, Jonas, 635 East 6th street.
 Finesilver, Louis, 134 E. Broadway.
 Fisher, Henry, 108 East 70th street.
 Foulk, Enos Victor, 165 Henry street.
 Gartensterg, Moses, 215 East 71st st.
 Godwin, George Gedney, Bailey avenue, Kingsbridge.
 Goldberg, Louis A., 26 Bond street.
 Goldman, Samuel Perry, 312 East 43d street.
 Goldmark, Carl, 100 East 64th street.
 Harris, James Elbert, 2414 Second avenue.
 Heineman, Walter S., 225 W. 130th street.

Hubler, Samuel S., 170 Henry st.
 Isaac, Benjamin J., 138th street and
 Amsterdam avenue.
 Jaffer, Louis Albert, 219 Madison
 street.
 Kreisler David, 642 Third avenue.
 Lambert, Louis L., 94 E. 114th street.
 Langer, Samuel, 138th street and
 Amsterdam avenue.
 Lewis, Maurice B., 235 Division st.
 Litter, Ferdinand Joseph, 176th st.
 and Anthony avenue, Tremont.
 Loos, Hermann Andreas, 119 East
 115th street.
 McSorley, Edward Francis, 414
 Tenth avenue.
 Mack, Mortimer Clarence, 228 West
 82d street.
 Madden, John H., 308 West 30th st.
 Mandell, Gus K., 132 E. 82d street.
 Martin, Albert Richard, 227 East
 115th street.
 Martin, Thomas H., 436 Lenox ave.
 Miller, Albert, 156 Rivington street.
 O'Connor, Charles Henry, 338 East
 55th street.
 Roberts, John Stacey Victor, 1599
 Lexington avenue.
 Robinson, Franklin Whittman, 620
 East 135th street.
 Rosenbaum, William, 453 East 122d
 street.

Rosett, Max, 197 Stanton street.
 Saunders, George C., 104 West 92d
 street.
 Schafransky, Leo, 1644 Madison ave.
 Schwarz, Herman, 441 E. 118 street.
 Sinn, Bernhard Albert, 12 East
 94th street.
 Smith, Charles Benjamin, 286 West
 116th street.
 Smith, Joseph Edward, 198 Alexan-
 der avenue.
 Steiger, Ernest Herman, 715 Lex-
 ington avenue.
 Stern, Abraham Richard, 55 West
 50th street.
 Sullivan, Franklin Curtis, 1054 Av-
 enue A.
 Tombo, Rudolph, Jr., 306 E. 52d st.
 Turner, Reeve, 129 East 29th street.
 Van Houten, Harry J., 257 West 4th
 street.
 Wolfson, Albert, 128 East 56th st.
 Wechsler, Walter M., 132 W. 74th
 street.
 Weil, Alfred, 172 East 94th street.
 Werdenschlag, Arthur, 140 W. 48th
 street.
 Woolf, Harry J., 138th street and
 Amsterdam avenue.
 Wray, William, Jr., 1883 Vyse ave.
 Wright, Alfred A., 163d street and
 Sheridan avenue.

SOPHOMORE CLASS—MECHANICAL COURSE.

Allen, William Cremer, 326 West
 36th street.
 Allmuth, Frank Aloise, 161 East 72d
 street.
 Anderson, Arthur C., 74 Fifth ave.
 Appel, Israel, 32 Suffolk street.
 Bloomberg, Harry A., 375 East 176th
 street.
 Boyer, Wilbur Sarles, 321 West 85th
 street.
 Clarkson, Frank Jackson 48 East
 66th street.

Cordier,
 Coshland, Leopold Bernard, 162 East
 114th street.
 Fellenstein, Moses, 91 Canal street.
 Galicenstein, Clarence, 129 West
 132d street.
 Glenk, Wesley, 320 East 55th street.
 Helmer, N. Arthur, 272 W. 119th st.
 Hirsch, I. Henry, 413 East 118th st.
 Hlavac, Joseph, 1329 First avenue.
 Hudson, Wilbur G., 73 W. 131st st.
 Loewy, George J., 272 Third avenue.

Lucke, Charles Edward, 270 West 96th street.	Mehrtens, Henry E., 280 Third ave.
McClelland, James Bruce, 5 East 41st street.	Morrison, Herbert Hunt, 118 West 87th street.
McLean, John Malcolm, 204 West 36th street.	Pfeifer, Charles, 198 Avenue B.
Marrin, Edward Spellman, 344 East 31st street.	Tarler, Abraham L. G., 425 E. 116th street.
Marshall, William Frarer, 74 West 46th street.	Thompson, George Russel, 240 East 34th street.
Martin, Harold Metcalf, 311 West 101st street.	Tucker, Beverly, 145 West 123d street.
	Valk, Francis M., 163 East 37th street.

FRESHMAN CLASS—CLASSICAL COURSE.

Abbott, Renwick Wylie, 336 West 30th street.	Conklin, William R., 249 W. 54th street.
Adelsohn, Jonas, 1679 Lexington avenue.	Corse, Arthur W., 77 Morton street.
Alexander, Bernhard, 33 Pitt street.	Crampton, Chas. W., 256 W. 121st st.
Anspacher, Louis K., 18 East 119th street.	Cunningham, Joseph A., 22 Seventh street.
Armstrong, Herbert Newton, 240 Seventh street.	Curtis, Adrian T., 142 East 36th st.
Asch, Benjamin, 770 Lexington ave.	Deady, Chas. Percy, 110 W. 48th st.
Babcock, Harry Vanderberg, 2083 Fifth avenue.	Deane, Parker, 67 Bank street.
Bárdos, Coloman, Jr., 402½ Grand street.	Dryfoos, Walter, 39 E. 64th street.
Barit, Samuel, 188 Madison street.	Dryfus, F. J., 45 East 92d street.
Berger, Benjamin, 346 East 4th st.	Duncan, Charles B., 305 W. 20th st.
Bicak, Joseph F., 981 East 163d st.	Dyer, Rodrigues S., 24 Christopher street.
Biele, Carl F., 544 East 164th street.	Ehrich, Manfred William, 54 West 75th street.
Blum, Edward, 1005 Madison ave.	Ellison, Millard Henry, 175 East 79th street.
Brouner, Elmer Russell, 72 Horatio street.	Fox, Sol., 345 Spring street.
Briner, Emil Amandus, 620 Lexington avenue.	Franklin, William Kernan, 95 Greenwich avenue.
Campbell, Walter J., 169th street and Tenth avenue.	Frost, Albert D., 54 E. 130th street.
Celler, Herbert L., 153 E. 72d st.	Geoghegan, Walter Foley, 2130 Seventh avenue.
Christmann, George J., 353 Rivington street.	Gilbert, Blace E., 157th street, near Amsterdam avenue.
Coleman William A., 848 Lexington avenue.	Ginsberg, Isidore, 111 Eldridge st.
	Glass, Montague, 114 West 125th st.
	Glück, Emil H. O. A. 138th street and Amsterdam avenue.

Goldman, Charles, 1 Pike street.
 Greenbaum, Max, 354 E. Houston st.
 Hahn, Joseph, 284 East 4th street.
 Hamburger, Max Sigmund, 222 East 58th street.
 Hamilton, Samuel Alexander, 455 West 50th street.
 Harrington, James Taylor, 222 West 23d street.
 Hecht, Reuben, 162 West 80th st.
 Hoffman, Samuel, 418 E 81st street.
 Hogencamp, William Seymore, 113 West 129th street.
 Hubschmitt, Adam Wendell, 408 East 52d street.
 Hull,
 Hunt, Frederick L., 332 W. 59th st.
 Isaacs, Lewis, 110 E. 73d street.
 Jameson, Charles Baring, 47 West 132d street.
 Jarmulowsky, Harry, 102 E. 60th st.
 Jasper, J. Harper, 130 West 123d st.
 Kempner, Milton, 323 E. Houston st.
 Kennedy, Jno. S., 169 West 98th st.
 Kenney, Edward Joseph, 408 Madison street.
 Klatz, Walter C., 42 E. 22d street.
 Klein, Jacob, 94 First street.
 Kneuper, George Martin, 371 Grand street.
 Knoepfel, Harold Charles, 594 East 141st street.
 Knox, Herbert Allan, 472 Mott ave.
 Lester, Florence W., 410 E. 50th st.
 Levine, David, 736 Lexington ave.
 Lewis, Meyer Henry, 85 Attorney st.
 Levy, Henry, 727 East 5th street.
 Levy, William, 318 E. 116th street.
 McCague, James Alexander, 155 E. 21st street.
 Martin, Norman, 786 E. 142nd st.
 Marx, Arthur, 25 East 73rd street.
 May, Peter Francis, 14 Allen street.
 Michel, Samuel Murray, 246 East 51st street.
 Moschowitz, Eli Alexis, 421 West 44th street.

Mund, Conrad, 308 East 62nd street.
 Murray, Hugh Charles, 530 West 42d street.
 Nelson, Isaac, 116 East 81st street.
 Newman, Pinkus, 262 Second street.
 Noll, Vincent, 301 East 73rd street.
 Orcutt, Cevedra Blake, 427 West 57th street.
 Payne,
 Penney, Clarence John, 212 East Broadway.
 Plonsky, Samuel Edward, 50 West 88th street.
 Pooley, Octavius, 107 Madison ave.
 Pressprich,
 Price, Nathan, 130 Columbia street.
 Rathkowsky, Gustavus A., 240 East Broadway.
 Rhoads, Schuyler Cutter, 53 West 130th street.
 Rochemowitz, David William, 191 Rivington street.
 Rosenbaum, Isadore, 393 East Houston street.
 Rosensohn, William, 49 Eldridge st.
 Rosett, Louis J., 183 Stanton street.
 Ryan, John Paul, 339 East 25th st.
 Scherck, Seymour, 313 W. 24th st.
 Scherr, Emelius William, Jr., 2014 Seventh avenue.
 Schlueter, Edward Henry, . 97 Willet street.
 Schoedel, Frederick, 136 First ave.
 Schwartz, Samuel E., 171 E. 80th st.
 Schwarzkopf, John, 167 E. 94th st.
 Seaman, Robert R., 108 West 13th street.
 Shattuck, Raymond W., 352 West 22nd street.
 Sladovnik, Charles, 305 E. 46th st.
 Smith, Robert W., Jr., 25 West 129th street.
 Solomon, Samuel, 161 Henry street.
 Sommerich, Otto C., 572 Park ave.
 Spingarn, Arthur Barnett, 118 East 58th street.
 Steinert, Harry, 221 East 53rd street.

Stewart, Robert William, 123 West 11th street.
 Stuart, Preston E., 138 Second ave.
 Sullivan, Arthur L., 1054 Eastern Boulevard.
 Sutorius, F. Alexis, 39 Whitehall st.
 Tannenbaum, Samuel A. 232 Rivington street.
 Thellusson, Chas. F., 204 Elm street.
 Valentine, Morris C., 259 West 131st street.

Vandegrift, George W., 277 Henry street.
 Vermilya, Frank B., 36 West 128th street.
 Weiss, Bernard, 642 5th street.
 Werner, Jacob, 12 E. 93d street.
 Weyh, Robert G., Jr., 217 East 128th street.
 Wheeler, Ernest E., 42 W. 95th st.
 Wigger, August, Jr., 106 East 56th street.

FRESHMAN CLASS—SCIENTIFIC COURSE.

Adams, Francis Alexandre, 79 West 91st street.
 Alexander, Jerome, 147 East 62d st.
 Anderton, Stephen Philbin, 257 West 113th street.
 Arendt, Morton, 42 West 126th st.
 Arteaga, Julio F., 307 West 28th st.
 Becker, Louis, 506 West 157th street.
 Beggs, William John Hall, 306 West 29th street.
 Beil, Charles Louis, 88 Fourth ave.
 Bernstein, Abraham, 12 Suffolk st.
 Bernstein, Eugene Paul, 227 East 116th street.
 Bitterman, Samuel, 401 East 8th st.
 Candler, John,
 Candler, Joseph Raymond, 209 East 34th street.
 Carlson, Oswin Dickerson, Inwood on Hudson.
 Chankin, Joseph, 101 St. Mark's pl.
 Clark, George M., 679 East 143d st.
 Coffin, Francis Sherwood, 75 West 124th street.
 Constantine, Thomas S., Jr., 853 East 163d street.
 Cook, Laurens Aaron, 152 East 71st street.
 Dailey, Washington, 246 East 23d st.
 Davis, Goodman Raphael, 88 West 89th street.
 Dubosch, Charles Alexander, 347 East 9th street.

Ehrenrich, James Jacob, 48 E. 74th street.
 Ehrsam, Rudolph Harmon, 117 Second avenue.
 Feinberg, Aaron, 76 Mott street.
 Feinberg, Henry George, 165 Broome street.
 Fernbach, Robert Ludwig, 228 East 61st street.
 Falck, Albert, 29 East 132d street.
 Gamble, Samuel Leslie, 537 West 142d street.
 Gandolfo, Joseph Harrington, 48 East 26th street.
 Gans, Moses Joseph, 411 East 51st st.
 Gehorsam, Ernest, 168 E. 108th st.
 Geirisch, George John, 935 East 137th street.
 Geoghegan, Joseph Gregory, 2130 Seventh avenue.
 Gershel, Milton, 173 East 75th street.
 Goldberg, Isaac, 118 West 122d st.
 Goodman, Abraham H., 86 Hester st.
 Gordon, Frederick Bianchi, 245 West 132d street.
 Graff, A. Stanley, 358 West 51st st.
 Griffith, William E., 170 W. 96th st.
 Hahn, Walter M., 383 8th street.
 Harris, William H., 318 West 42d st.
 Hartman, William Lewis, 333 Stanton street.
 Heath, Frank, Jr., Governor's Island
 Heil, Joseph, 63 East 127th street.

- Homberger, Lionel M., 430 East 51st street.
 Howland, Charles F., 41 E. 132d st.
 Hyams, Benno, 938 First avenue.
 Hyman, Frank, 138th street and Amsterdam avenue.
 Jackson, Geo. Percival, 202 West 105th street.
 Jacobowitz, Louis, 138th street and Tenth avenue.
 Judson, Charles Y., 302 W. 89th st.
 Kafka, Fred. P., 501 Boulevard.
 Kahn, Max, 221 East 60th street.
 Kasner, Edward, 52 Catherine st.
 Klein, Israel, Amsterdam avenue, between 136th and 138th streets.
 Koch, Fred. G., 847 Amsterdam ave.
 Kridel, Alexander H., 15 E. 77th st.
 Kronacher, Joseph, 189 Hudson st.
 Kroyer, Wallace A., 3050 Third ave.
 Krumenauer, August, 409 West 41st street.
 Kues, George A., 1644 Second ave.
 Lawyer, Louis R., 342 West 32d st.
 Lee, James T., 235 East 124th street.
 Lese, Frederick, 106 East 54th street.
 Lippe, Adolphus A., 423 E. 116th st.
 Louchiem, Jerome S., 2040 Seventh avenue.
 Lowenthal, David, 50 West 85th st.
 Lyon, Palmer Heath, 69 West 93d st.
 Mackie, Henry J. G., 508 W. 166th street.
 Man, William S., 19 West 10th st.
 Marks, Louis, 230 East 68th street.
 Mayer, Lothair, 124 East 62d street.
 Metz, Walter R., 130 East 70th st.
 Meyer, Albert Salomon, 157 West 126th street.
 Miller, Emil Theodore, 191 Waverly place.
 Minski, Moses, 119 Orchard street.
 Montross, J. Traver, 118 W. 129th st.
 Moore, Arthur Tenney, 320 E. 30th st.
 Morris, Daniel H., 204 East 72d st.
 Musgrave, Edward Joseph, 2215 Fulton avenue.
 Nathans, Thomas Addison, 156 East 94th street.
 Nelson, Clare, 116 East 81st street.
 Newman, Eugene, 62 East 105th st.
 Oppenheim, Jesse, 233 E. 86th st.
 Oppenheimer, John H., 442 W. 57th street.
 O'Ryan, John Francis, 1199 Fulton avenue.
 Pannes, Hans, 517 West 158th st.
 Phillips, Meyer Harry, 221 Division street.
 Pokorny, Rudolph Charles, 1365 Avenue A.
 Porter, Raymond Stokes, 503 Fifth Avenue.
 Raunheim, Arnold S., 50 East 79th street.
 Reinhardt, George Frederick, 114 East 82d street.
 Rippe, Morris Louis, 29 Division st.
 Rosenstein, Ernest, 33 East 63d st.
 Sadofsky, Isaac I., 60 Mulberry st.
 Schlecht, Walter Wm., 446 East 57th street.
 Schlosser, Jacques, 2 East 92d street.
 Schneider, George Washington, 610 West 47th street.
 Schoenfeld, Jacob, 286 East 4th st.
 Schroeder, Horatio Stebbins, 37 West 128th street.
 Shrier, Albert Frank, 128 Avenue C.
 Sills, John Stanley, 240 W. 45th st.
 Sindelar, Charles, 1506 Avenue A.
 Smallen, Hugh Jerome, 352 College avenue.
 Sparkman, Frederic William, 100 East 123d street.
 Spoehrer, Hermann. Jr., 472 Second avenue.
 Stewart, Robert Alexander, 59 West 9th street.
 Strobel, August Charles, 2310 First avenue.
 Strobel, Walter Emil, 164 W. 105th street.
 Truckenbrodt, Lewis, 222 E. 75th st.

Van Brakle, John Ogden, 253 West 133d street.
 Van Holland, Charles, Jr., 349 East 83d street.
 Volckhausen, William, 169 E. 73d st.
 Wachenheim, Edgar, 38 E. 126th st.
 Wagner, Oscar, 60 East 93d street.
 Wechsler, Samuel, 153 Suffolk st.
 Weeks,

Wehrum, Delafield, 315 East 20th st.
 Weil, Isadore L., 146 West 75th st.
 Wiedeman, Edward, 151 E. 86th st.
 Wielar, A., 251 East 84th street.
 Wiener, J. Israel, 572 Ninth avenue.
 Willershausen, Frederick, 60 Greenwich avenue.
 White, Peter J., 511 Third avenue.
 Zevie, Simon, 72 Division street.

FRESHMAN CLASS.—MECHANICAL COURSE.

Allmuth, Alfred, 161 East 72d st.
 Andrews, Alfred Carpenter, 48 Jane street.
 Baumann, Richard John, 228 East 52d street.
 Beals, H. Warren, 36 West 130th st.
 Beder, Harold W., 532 East 156th st.
 Bell, Clarence F., 1204 Boston ave.
 Beyer, Emil, 1441 Avenue A.
 Blan, Horace Bernard, 210 E. 82d st.
 Blank, Jesse Berthold, 107 W. 133d street.
 Brustlein, H. Charles, 108 Lexington avenue.
 Bulwinkle, George, 1730 Broadway.
 Carlson, Carl Oscar, 1867 Park ave.
 Crandell, Paul M., 47 West 126th st.
 Davis, Edward P., 65 East 78th st.
 Dithridge, Edward L., 44 Lorillard st.
 Eardley, John, 73 East 54th street.
 Ferris, George J., 87 Dey street.
 Fetherston, J. F., 72 West 19th st.
 Flanagan, E., 19 West 98th street.
 Fox, John J., 425 West 54th street.
 Friedman, Jacob, 31 Allen street.
 Goldberg, Lazarus, 26 Bond street.
 Goodman, Joseph, 611 East 6th st.
 Granbery, George P., 201 W. 122d st.
 Handloser, Robert E., 314 East 119th street.
 Hargrave, George E., 329 Eighth ave.
 Harrison, Stephen M., 156 E. 61st st.
 Hayward, Charles B., 471 W. 145th street.
 Herbst, Samuel, 140 East Broadway.

Hoffman, Mark, 43 Suffolk street.
 Holahan, Joseph Aloysius Maurice, 137 East 55th street.
 Koch, Richard, 128 East 62d street.
 Kolman, Anton, 716 East 164th st.
 Kortheuer, Arthur P., 82 W. 92d st.
 Levy, Edgar A., 61 East 73d street.
 McDowell, Alexander Henry, 457 West 21st street.
 McGuire, Joseph A., 744 East 9th st.
 Martin, U. F., 438 West 47th street.
 Newburger, Isidore, 438 E. 57th st.
 Newman, Allen G., Jr., 263 W. 71st st.
 O'Reardon, Ignatius, 229 E. 18th st.
 Petersen, August H., 436 E. 89th st.
 Peyser, Harry, 225 East Broadway.
 Platz, George, 258 William street.
 Riger, George A., 916 Eighth avenue.
 Schmittberger, George Charles Annunziata, 115 East 61st street.
 Seely, Walter, 247 West 69th street.
 Solomon, Nathan, 344 W. 145th st.
 Son, Jacob A., 1636 Madison ave.
 Stahl, George Fredrick, 550 E. 16th street.
 Taylor, Albert, 1279 Franklin ave.
 Vreeland, George W., 413 W. 51st st.
 Walther, Oscar, 320 East 30th st.
 Weiss, Nathan, 419 East 57th st.
 Wiegmann, William H., 416 6th st.
 Will, Herbert W., cor. 169th street and Webster avenue.
 Williams, Harry Vandervoort, 14 East 85th street.
 Wohlberg, John, 517 W. 39th street.

SUB-FRESHMAN CLASS—CLASSICAL COURSE.

Affelder, William M., 425 E. 123d st.	Davies, Thomas Franklin, 130 East 96th street.
Alexander, David, 327 E. 123d st.	Dearborn, Frederick Myers, 152 West 57th street.
Alter, Julius, 8 Montgomery street.	DeWitt, Walter Grosbeck, 163 West 21st street.
Arnstein, Max Leopold, 114 East 72d street.	Dieckmann, Otto, 66 Irving place.
Aronson, Edward Aaron, 8 Barrow street.	Earl, Frank Alger, 463 W. 44th st.
Aronson, Jacob, 8 Barrow street.	Eberhardt, Henry Albert, 253 West 35th street.
Bachmann, Isaac D., 119 West 131st street.	Edelstein, Jacob, 61 E. 107th street.
Barnett,	Ehrenreich, Bernard Charles, 316 Stanton street.
Bedford, Edward W., 20 East 111th street.	Ehrich, Wm. Joseph, 54 W. 75th st.
Bendell, Henry, 133 E. 12th street.	Elgas, William Taylor, 121 West 87th street.
Berolzheimer, Daniel Deronda, 175 East 79th street.	Elliott, Maxwell Hall, 25 E. 129th st.
Berryman, Joseph, 537 W. 49th st.	Ernst, Irving Leo, 1464 Lexington avenue.
Bigelow, Joseph Hill, 169 East 69th street.	Fairchild, Charles Bryant, 1638 Washington avenue.
Birnbaum, Martin, 336 E. 26th st.	Falk, Julius Posges, 157 E. 76th st.
Blumenthal, J. Leon, 933 Eighth ave.	Felsenheld, Arthur Louis, 46 West 73rd street.
Bostwick, Clifford Spencer, 1695 Washington ave., Tremont.	Fitzpatrick, Charles James, 217 East 57th street.
Bracker, Max Henry, 97 Second ave.	Foehrenbach, Herman, 356 West 46th street.
Bradley, William John, 456 West 151st street.	Fogal,
Brandt, Oscar Rutherford, 1646 East End avenue.	Foise, Elias Lee, 1907 Madison ave.
Brin, Benjamin, 357 E. 124th street.	Fosh, Martin, 310 Stanton street.
Browne, Robert L., 207 W. 16th st.	Frenkel, Samuel Maurice, 227 East 57th street.
Bryant, Carleton Elliott, 221 West 14th street.	Fried, Isidor, 329 East 8th street.
Buerger, Leo, 314 East 119th street.	Fried, Michael, 266 Stanton street.
Cardoza,	Gazzam, Joseph M., 691 E. 145th st.
Casey, Oliver G., 307 West 116th st.	Gentzlinger, Chas. Frederick, 320 East 41st street.
Clarke, Robert Ainley, 657 Western Boulevard.	Getty, William John Tolan, 220 West 58th street.
Cobb,	Gibson, Francis William, 769 Ninth avenue.
Cosgrove, Cornelius B., 56 West 129th street.	Glove,
Cox, Joseph George, 142 E. 49th st.	Godwin, Philander Hanford, 125 West 123d street.
Cremin, Wallace Leo, 848 Lexington avenue.	
Cunningham, Edward Warren Chandler, 22 7th street.	

Goebel, Lewis Saul, 338 West 87th street.
 Gombarts, George, 112 Willett street.
 Goodfriend, Henry, 9 Avenue C.
 Greener, R. L., 29 West 99th street.
 Greenfield, Henry B., 128 Rivington street.
 Greenspecht, Henry, 9 E. 128th st.
 Gutmann, Charles S., 149 East 72d street.
 Hall, Ernest, Beech Terrace & 143d street.
 Hamill, James, Jr., 347 East 14th street.
 Harris, Maxwell S., 63 Monroe st.
 Harris, T. Reed, 328 West 76th st.
 Hast, Louis, 339 East 62d street.
 Hawkins, Chauncey A., 147 West 61st street.
 Herbert, Le Roy B., 182 East 64th street.
 Herrmann, Edward, 339 East 82d st.
 Hershfield, Henry G., 41 East 67th street.
 Heumann, George M., 145 East 58th street.
 Hiller, Walter L., 153 West 61st st.
 Hirschberg, Max H., 51 Sheriff st.
 Holiner, Samuel D., 35 Willett st.
 Humble, Roy M., 929 Park avenue.
 Jacobs, Benjamin, 27 Orchard st.
 Jacoby, Leo, 426 East 115th street.
 Jacoby, Victor E., 45 Convent ave.
 Jellinghaus, Fred. C., 171 East 75th street.
 Johnson, Arthur M., 113 West 86th street.
 Johnson, W. N., Crane place & 174th street, Tremont.
 Jones, David H., 252 West 16th st.
 Jones, George W., 236 5th avenue.
 Kaufmann, Arthur, 1431 Lexington avenue.
 Keane, Arthur, 706 East 142d street.
 Keschner, Moses, 60 Columbia st.
 Kilian, Adolph C., 325 West 32d st.
 Killgore, Robt. B., 101 W. 81st st.

Klein, Louis, 212 2d street.
 Knobloch, Harry, 815 Sixth ave.
 Kopetzky, Samuel J., 1148 Second avenue.
 Krabs, Maurice H., 21 Willett st.
 Krapner, William, 262 E. Houston street.
 Landau, Berthold, 311 East 3d st.
 Lesser, Pincus, 87 Division street.
 Levy, Alfred W., 206 East 70th st.
 Lewine, Lester J., 813 Lexington avenue.
 Lieberman, Jonas, 1701 Third ave.
 Love, Cornelius R., 142 West 22d st.
 Lowenstein, O. M., 42 East 74th st.
 Maass, Herbert, 1187 Lexington ave.
 McClelland, Donald, 5 East 41st st.
 MacIntosh, Fred. C., Claremont avenue, High Bridge.
 MacQuaide, Thos. B., 62 E. 120th st.
 McVey, William G., 151 E. 118th st.
 Mackeller, Henry Elmer, 231 Pelham road, New Rochelle.
 Mandel, Morris, 139 Pitt street.
 Mannheimer, Lewis, 63 W. 134th st.
 Marx, Henry, 188 West 102d street.
 Maurer, Gustav, 259 7th street.
 Mayhew, Karl S., 1963 Seventh ave.
 Michel, Max, 131 East 93d street.
 Milsner, Jacob, 308 East 85th street.
 Moran, William E., 1983 Madison avenue.
 Moses,
 Moss, Moses, 224 East 79th street.
 Mulhall, James A. B., 100 West 40th street.
 Mulroney, Joseph S., 689 Lexington avenue.
 Munzesheimer, Harry, 49 E. 83d st.
 Munzinger, Edward, 129 West 129th street.
 Murray, Andrew F., 332 Broome st.
 Murphy, James D., 7 Prospect place.
 Naisawald, Horace L., 102 West 44th street.
 Nathan, Solomon, 830 Second ave.
 Newman, Joseph, 200 East 121st st.

- Nordlinger, Sidney H., 149 West 64th street.
- O'Brien, Wm. B., 189 Chambers st.
- Ostrynsky, Louis, 105 Clinton street.
- Partridge, Chas., 105 West 16th st.
- Patri, Angelo, 310 East 107th street.
- Paul, Francis H. J., 516 W. 47th st.
- Pleister, Henry W., 219 E. 12th st.
- Pratt, Francis Ormond, 266 West 40th street.
- Pretzfeld, Charles J., 152 E. 61st st.
- Pretzfeld, Edgar, 10 E. 126th street.
- Pugliese, Anthony, 326 E. 107th st.
- Purdy, M. Seymour, 174 E. 128th st.
- Rafferty, James A., 141 W. 62nd st.
- Ray, David Heydorn, 416 W. 55th st.
- Reinhardt, Emanuel, 243 7th street.
- Reisman, Samuel, 272 Stanton st.
- Remenitsky, Joseph, 281 Stanton st.
- Ripinsky, Seymour H., 389 Canal st.
- Roll, John Krapp, 35 7th street.
- Sohst, Edward Charles, 45 E. 3d st.
- Springmeyer, Charles Edwin, 522 East 119th street.
- Stein, Morton, 254 East 112th street.
- Stern, Arthur Joseph, 202 E. 52d st.
- Stern, Edwin Hyman, 133 East 80th street.
- Stern, Simon Theodore, 55 West 97th street.
- Stern, Sydney Wilfred, 126 East 76th street.
- Sternfeld, Otto Mon, 201 W. 78th st.
- Stiebeling, George Frederick, 71 St. Mark's place.
- Sugarman, Solomon C., 95 Madison street.
- Sullivan, Dennis, 523 East 153d st.
- Swan, Giles John, 160 W. 29th st.
- Saxe, George Alexander, 71 East 104th street.
- Schaeffler, Joseph, 315 West 31st st.
- Scheibel, Henry, 109 Ludlow street.
- Schultz, Alfred George, 288 Broome street.
- Schweig, Henry Theodore, 44 West 93d street.
- Schwed, Frederic, 76 East 86th st.
- Seelig, George Washington, 413 E. 88th street.
- Sherrick, Joseph James, 428 West 35th street.
- Siegelman, Julius, 605 East 11th st.
- Simon, Robert Edward, 209 West 124th street.
- Sinclair, Upton Beall, Jr., 68 West 65th street.
- Slomon, Arthur Nelson, 220 East 72d street.
- Stern, Paul, 183 Orchard street.
- Taylor, Walter Powell, Riverside Drive and 105th street.
- Theobald, Jacob, 542 East 11th st.
- Vilkomirson, Abraham Isidor, 326 Cherry street.
- Vion, Charles Joseph, 724 East 139th street.
- Waechter, Adolf Ludwig, 220 East 10th street.
- Ward, Wade Hampton, 344 West 22d street.
- Wasserscheid, Rudolf Centennial, 440 East 58th street.
- Wattenberg, Abraham Mordecai, 2147 Seventh avenue.
- Weinberg, Ralph, 166 East 72nd st.
- Weinberger, Joseph, 384 East Houston street.
- Wettengel, Walter, 154 E. 34th st.
- White, John Joseph, 2148 Fifth ave.
- Widdicombe, Albert Lord, 2155 Fifth avenue.
- Wilkins, John Joseph, 334 West 124th street.
- Williams, William Henry, 152 East 49th street.
- Wolf, Joseph, 18 Sutton place.
- Wurthmann, Henry, 431 E. 80th st.
- Yankauer, Alfred, 303 E. 84th st.
- Zimmerman, Louis, 542 5th street.

SUB-FRESHMAN CLASS—SCIENTIFIC COURSE.

- Abrahams, Samuel, 182 Third ave.
 Allen, Clarence, 106 W. 103d street.
 Andres, George, 829 Amsterdam ave.
 Armstrong, Andrew, 516 E. 83d st.
 Arnold, Matthias B., 1471 Washing-
 ton avenue.
 Ast, Abraham, 228 East 58th street.
 Bedell, Albert M., 360 West 17th st.
 Benedict, Clarence A., 95 Barrow st.
 Bennet, Arthur F., 45 West 84th st.
 Bernheimer, Clarence Gang, 156 W.
 97th street.
 Bernstein, H. deFrece, 152 West 91st
 street.
 Berrick, Milton, 68 East 83d street.
 Betjeman, Nicholas, 431 E. 57th st.
 Bierwirth, Albert, 622 East 136th st.
 Bijur, Samuel Henry, 46 E. 73d st.
 Billhuber, Edmund, 314 Pleasant
 avenue.
 Bille, Otto, 413 East 80th street.
 Bing, Alexander, 71 East 77th st.
 Blatt, Irving Harry, 133 E. 94th st.
 Blondell, Theo., Jr. 548 Mott ave.
 Boyd, Wm. B., 40 Perry street.
 Bradley, William A., 152 W. 99th st.
 Bremer, Alexander Magnus, 310 E.
 13th street.
 Brickelmaier, Paul H., 9 St. Luke's
 place.
 Brill, Isaac, Tenth avenue, between
 136th and 138th streets.
 Cairns, Douglas, 40 Grove street.
 Cohen, Hyman, 204 East Broadway.
 Cohn, Joseph, 228 Avenue A.
 Colman, Lawrence, 762 Madison ave.
 Compton, Alfred, 40 West 126th st.
 Conner, Christopher G., 325 East
 39th street.
 Cronson, Joseph M., 239 E. 119th st.
 de Fina, Francis, 10 Cottage place.
 Dokel, Richard, 159 Orchard street.
 Doob, Irving, 219 East 61st street.
 Dorland, Geo. W., 361 Bleecker st.
 Dorn, Isaac, 95 Hester street.
 Duke, Walter Alfred, 429 W. 22d st.
 Dunn, Harris A., 223 Central Park
 West.
 Dunn, Arthur D., 164 East 111th st.
 Eagan, Joseph M., 273 W. 117th st.
 Ellison, Mark H., 1893 Madison ave.
 Enderly, Chas., 349 West 19th st.
 Fichandler, Alexander, 59 Bayard st.
 Frank, Augustus A., 71 Seventh ave.
 Freund, Louis, Amsterdam avenue,
 bet. 136th and 138th streets.
 Gledhill,
 Gluck, Arthur, 167 East 60th street.
 Goldberg, Abram, 29 Norfolk street.
 Goldwasser, Israel Edwin, 70 East
 109th street.
 Goodfried, Ignatz, 189 Rivington st.
 Goodman, Morris, 354 East 4th st.
 Grandy, Alexander C., 309 E. 10th st.
 Greenhall, Albert, 179 East 95th st.
 Gregorius, William P. L., 437 Eighth
 avenue.
 Hanson, John, 568 Walton avenue.
 Heller, Bernard, 121 East 73d street.
 Hodge, James A., 219 West 42d st.
 Hodges, Richard O., 132 ½ E. 19th st.
 Hogan, William, 546 Third ave.
 Holden, Charles E., 17 W. 132d st.
 Jacobson, Samuel, 515 East 86th st.
 James, George, 79 West 12th street.
 Joseph, Louis, 146 Clinton street.
 Julich, Theodore, 918 Eighth ave.
 Kaempffert, Waldemar, West 106th
 street and Riverside Drive.
 Kafka, Hugo, 501 Western Boulev'd
 Kempner, Martin, 71 East 61st st.
 Kirk, Charles J., 1109 Washington
 avenue.
 Kleinberger, Milton, 147 E. 55th st.
 Klotz, Edward, 42 East 22d street.
 Kraemer, Louis, 310 West 46th st.
 Lengemann, George C., 413 West
 47th street.
 Levin, Abraham, 215 E. 56th street.
 Levy, Eugene L., 265 East 7th st.

Levy, Edward, 2144 Seventh avenue.
 Libman, Nathan, 51 East 92d street.
 Lovejoy, Edward Paul, 82 W. 92d st.
 McAdam, Edward G., 338 W. 29th st.
 McCarthy, James, 281 Monroe street.
 McCoy, Alfred, 129 East 125th st.
 Meagher, Joseph, 240 East 30th st.
 Meyers, Isidore M., 110 East 92d st.
 Michael, George, 1600 Avenue A.
 Montgomery, Elbert W., 86 Greenwich avenue.
 Morrison, Fred. V., 684 E. 143d st.
 Mulgrew, Albert E., 150 West 105th street.
 Neufeld, Julius L., 258 East 4th st.
 Oats, George A., 374 West 46th st.
 Oliver, Anthony J., 861 East 134th street.
 Osnowitz, Nathan, 283 Madison st.
 Pawel, Jacob, 346 East 43d street.
 Peeples, Thomas W., 168 W. 128th st.
 Peyser, William, 225 East B'way.
 Picard, Milton, 1067 Park avenue.
 Platt, Mark C., 329 West 46th street.
 Radgek, Abraham, 15 Rutgers place.
 Reinhardt, Arthur,
 Reis, Herman, 710 East 5th street
 Rich, Albert G., 164 West 88th st.
 Richardson, William, Jr., 329 East 13th street.
 Ritchie, Stafford H., 1451 Washington avenue.
 Roberts, Arthur Joseph Dean, 1599 Lexington avenue.
 Roberts, Geo., 439 Tenth avenue.
 Roe, Louis N., 2013 Fifth avenue.
 Roemer,
 Rosenberg, Henry J., 110 E. 76th st.
 Rothwell, Thomas A., 410 E. 51st st.
 Rupprecht, Hugo, 333 West 39th st.
 Salant, Aaron B., 520 E. 83d st.
 Salomon, Saul, 333 West 48th st.
 Schallek, Max Louis, 1376 First ave.
 Scheyer, Mosie, 1887 Madison ave.
 Schmitt, Frederick, 158 East 92d st.
 Schrader, Carl Edward, 310 West 28th street.
 Schramm, Charles George, 124 East 59th street.
 Schworer, John, 206 Avenue A.
 Sheridan, James Walter, 2011 Third avenue.
 Simpson, William Thornton, 458 West 24th street.
 Solomon, Abraham, 806 Lexington avenue.
 Stantial, Robert Sumner, 540 East 163d street.
 Stark, Nathan, 257 2d street.
 Steinberg, Henry, 103 East B'way.
 Sweeny,
 Taylor, George Albert, 504 West 129th street.
 Terwilligar, Henry Hornidge, 226 East 15th street.
 Tilson, Arthur, 101 West 37th street.
 Tuttle, James Horton, 336 West 84th street.
 Vermilya, Percy Sherwood, 36 West 128th street.
 Vogel, George Edward, 704 East 175th street.
 Wandling, Elliott Clare, 775 Lexington avenue.
 Waters, Martin Joseph, Jr., 502 Manhattan avenue.
 Weil, Edwin, 62 East 88th street.
 Weinstein, Julius, 205 W. 118th st.
 Wilson, Thomas James, 600 Grand street.
 Wingebach, August, Jr., 421 East 84th street.
 Wolbach, Isaac Leon, 122 West 130th street.
 Wolfson, Samuel, 128 East 56th st.
 Woodburn, Cortlandt, 197 Seventh avenue.
 Woodward, Ralph Edgar, 58 West 128th street.
 Zipser, Morris, 186 Suffolk street.

SUB-FRESHMAN CLASS—MECHANICAL COURSE.

- Ackerman, William, 1207 Columbus avenue.
- Alcorn, Earl L. G., 212 E. 25th st.
- Althause, Walter, 142 Willis avenue.
- Anderson, Charles, 363 W. 56th st.
- Armitage, Harry A., 283 Alexander avenue.
- Bach, Frederick W., 507 Eighth avenue.
- Baillet, Henry, 150 Varick street.
- Bartley, John P., 544 Third avenue.
- Baumann, Albert P., 228 E. 52d st.
- Bayne, Stephen F., 235 W. 143d st.
- Beck, Oscar C., 45 St. Mark's place.
- Bemak, Benjamin, 228 E. 50th st.
- Berger, John, 97 Sheriff street.
- Berliner, Jacob S., 59 7th street.
- Blank, Joseph S., 107 W. 133d st.
- Blumenthal, Henry E., 52 E. 75th st.
- Blumgardt, Isaac, 318 E. 86th street.
- Boroschek, Leopold, 149 E. 56th st.
- Borowsky, Isaac R., 46 Forsyth st.
- Breitwieser, Hubert F., 74 7th st.
- Brenauer, Joseph, 1023 Second ave.
- Briner, Charles H., 620 Lexington avenue.
- Buntin, Robert W., 451 W. 21st st.
- Buntinx, Charles, 1278 Union ave.
- Clark, Wm. Warner, 154 W. 79th st.
- Cohen, Benjamin F., 1525 First ave.
- Cohn, Elias, 317 East 9th street.
- Cohn, Louis, 289 W. Houston street.
- Coleman, Samuel F., 207 W. 61st st.
- Connor, Francis J. N., 331 West Houston street.
- Costigan, Edward Stephen, 206 Amsterdam avenue.
- Coyle, William Francis, 413 West 33d street.
- Daly, Edwin H., 2050 Madison ave.
- Deichelmann, Adolph, 404 East 25th street.
- Diamant, Arthur H., 24 E. 106th st.
- Donnell, Frederick A., 209 West 134th street.
- Donohue, Thomas J., 1541 Third avenue.
- Egler, Chas. J., 398 St. Nicholas ave.
- Elgar, Benjamin Franklin, 269 West 71st street.
- Farian, Isidor H., 136th street and Tenth avenue.
- Farrington, John F., 484 Pearl st.
- Findlay, Walter, 221 West 20th st.
- Folsom, Charles S., 233 W. 134th st.
- Fox, Albert, 61 Avenue C.
- Frankel,
- Franken, Eugene, 74 East 104th st.
- Freyer, Adolph, 55 Columbia street.
- Gaddis, Richard James, 1496 Lexington avenue.
- Galewski, David, 170 Henry street.
- Garrety, Wm. Plymon, 203 West 23d street.
- Giles, Frederick L., 140 Christopher street.
- Goldstein, Charles, 222 East 71st st.
- Goodman, Fred. F., 131 W. 103d st.
- Grady, William E., 419 East 84th st.
- Greenebaum, Milton, 316 E. 120th st.
- Griffiths, Leonard L., 212 West 14th street.
- Hachtmann, Andrew P., 63 E. 9th st.
- Haight, Robert S., 115 East 39th st.
- Hanson, Herbert H., 145 W. 121st st.
- Harris,
- Hart, Robert C., 293 Lenox avenue.
- Hartley, Alan, 229 West 134th st.
- Hartung, George A., 26 Division st.
- Hauser, Alfred, 119 East 54th street.
- Hautau, William S., 1143 Union ave.
- Healy, Walter F. J., 8 Grove street.
- Hecht, Leonard, 162 West 80th st.
- Heidelberg, Max G., 57 W. 127th st.
- Hickson, John X., 765 Sixth ave.
- Hill, Emil H., 566 East 150th street.
- Holloway, Henry J., 1625 Madison avenue.
- Holmes, George F., 145 W. 16th st.
- Holton, Herbert M., 244 E. 112th st.

Hosch, Robert F. W., 610 E. 14th st.
 Hudders, Eugene R., 203 West 133d street.
 Jacoves, Louis J., 60 Henry street.
 Jauss, Eugene C., 419 Sixth avenue.
 Kelly, Thomas M. P., 355 West 55th street.
 Kennedy, Fred. D., 19 West 74th st.
 Kiewitz, Conway M., 111 Cherry st.
 Kiernan, Robert J., 236 W. 144th st.
 Kitzinger, Felix H., 254 W. 129th st.
 Langerfeld, Wallace D., 180 West 88th street.
 Leiner, Charles, 976 Second avenue.
 Langley, Cordes P., 123 E. 18th st.
 Lather, Frederick, 266 Broome st.
 Le Porin, Fred. W., 62 E. 116th st.
 Leventritt, Walter R., 36 E. 76th st.
 Levy, Joseph M., 402 East 50th st.
 Leyes, Louis, 343 East 118th street.
 Lichtenstein, Edwin, 1986 Madison avenue.
 Liston, John, 707 Amsterdam ave.
 Lobo, Gustave, 219 West 44th street.
 Long, Theodore, 125 W. 97th street.
 Lotz, Louis A., 599 Morris avenue.
 Lyons, George V., 223 East 62d st.
 McElroy, Frank X., 105 Christopher street.
 Mahoney, Thomas P., 614 Eleventh avenue.
 Marcus, Sander, 1161 Park avenue.
 Martin, Alexander F., 431 Fifth ave.
 Martin, Herbert C., 223 W. 49th st.
 Mason, Edgar F., 123 East 124th st.
 Masterton, John M., 176 West 104th street.
 Mateer, Samuel A., 318 W. 22d st.
 Mayer, Edward E., 62 East 92d st.
 Meagher, Harry V., 325 E. 123d st.
 Merritt, Chas. F., 293 Lenox avenue.
 Metz, Arthur W., 130 East 70th st.
 Morrill, William C., 24 West 83d st.
 Morrison, Charles E., 103 W. 56th st.
 Murray, William J., 109 E. 85th st.
 Nash, Robert Newton, Blackwell's Island.

Neidlinger, Charles R., 227 West 74th street.
 Nichols, Harry D., 18 W. 130th st.
 Nixon, Edward V., 20 W. 13th st.
 Norton, James J., 426 West 42d st.
 Nourse, Silas W., 329 Seventh ave.
 Nuebling, Lewis, 200 Ninth avenue.
 Nutter, Chas. H., 231 East 26th st.
 O'Brien, John A., 331 East 59th st.
 Ode, Randolph T., 24 Charlton st.
 O'Donnelly, James F., 460 W. 32d st.
 Ohmann, Theophile C., 86 Fourth avenue.
 Ottman, William Setzer, Nevada Flats, W. 70th st. and Boulevard.
 Pearl, Elbridge G., 24 W. 130th st.
 Plummer, Robert I., 119 E. 97th st.
 Quinn,
 Randolph, Fred P., 51 East 29th st.
 Reichert, Louis, 98 Lawrence street.
 Ridley, Arthur J., 118 East 64th st.
 Rose, William G., 8 West 117th st.
 Rosenback, Milton B., 125 E. 65th st.
 Rosenberg, Michael, 54 Sheriff st.
 Rosenberg, Samuel, 119 Clinton Place.
 Schmid, Charles P., 121 E. 104th st.
 Schroeder, Louis J., 40 Clinton pl.
 Schwab, Justus H., 50 First street.
 Simmons, Maurice, 79 Mott street.
 Slavik, William, 40 Avenue B.
 Smith, Havilah M., 71 Perry street.
 Smith, Littleton K., 62 West 83d st.
 Sparks, Clarence A., 159 W. 63d st.
 Speckel, Henry G., 631 W. 152d st.
 Spingarn, Alexander, 31 Division st.
 Spitzka, Edward A., 712 Lexington avenue.
 Stark, Morris, 433 East 57th street.
 Stein, Charles, 1302 Fulton avenue.
 Stiner, Edgar F., 103 East 65th st.
 Tebbutt, Fred. S., 158 W. 119th st.
 Timmons, Wallace W., 364 West 46th street.
 Tombo, Carl, 306 East 52d street.
 Toop, Wm. Henry, 124 East 91st st.
 Turner, Chas. P., 985 East 169th st.

<p>Underhill, Herbert W., 163 West 121st street.</p> <p>Vogt, Charles A., 619 East 157th st.</p> <p>Vossbrinck, F. William, 2323 Third avenue.</p> <p>Wachter, Charles L., 1240 Lexington avenue.</p> <p>Wade, John E., 41 Perry street.</p> <p>Weaver, Albert B., 515 Manhattan avenue.</p> <p>Weill, David A., 66 East 131st st.</p> <p>Weiller, John, 49 East 75th street.</p> <p>Weinstein, Mortimer, 347 East 58th street.</p>	<p>Wessells, E. Herbert, 137 W. 97th st.</p> <p>White, David F., 528 East 83d st.</p> <p>Whitehead, William G., 491 Tenth avenue.</p> <p>Whiteside, Donald G., 251 West 133d street.</p> <p>Wiemann, George F., 263 E. 78th st.</p> <p>Wilcke, Edward J., 263 W. 21st st.</p> <p>Wolfe, Roscoe V., 77 East 85th st.</p> <p>Wood, George, Union street, High Bridge.</p> <p>Ziegel, Herman 222 East 128th st.</p> <p>Zippert, Isidor, 207 Division street.</p> <p>Zorn, Chas. F., 1367 Fulton avenue.</p>
---	--

UNIVERSITY OF THE STATE OF NEW YORK.

The College of the City
OF
New York.

FORTY-FIFTH ANNUAL REGISTER.

1893-1894.

PRESS OF DE LEEUW, OPPENHEIMER & Co.,
231 WILLIAM ST., NEW YORK.

Contents.

1893-94.

	PAGE
BOARD OF REGENTS,	4
BOARD OF TRUSTEES, EXECUTIVE COMMITTEE,	5
OFFICERS OF INSTRUCTION, GOVERNMENT, ETC.,	6
THE COLLEGE—ITS FOUNDATION, HISTORY, ETC.,	9
TERMS, VACATIONS, DAILY SESSIONS,	10
REQUISITES FOR ADMISSION,	10
COURSES OF STUDY,	11
DEPARTMENTS OF STUDY,	24
LIBRARY,	38
WORKSHOP,	39
DISCIPLINE,	40
EXAMINATIONS,	40
ALLOWANCE OF MARKS,	41
MERIT ROLL,	42
COMMENCEMENT,	43
MEDALS AND PRIZES,	44
CLASSICAL SCHOLARSHIP,	49
DEGREES,	49
THE ASSOCIATE ALUMNI,	50
STUDENTS' AID FUND,	50
LITERARY SOCIETIES,	51
COMMENCEMENT, 1893—	
MEDALISTS AND PRIZEMEN,	51
HONOR-MEN,	54
DEGREES CONFERRED,	54
DIRECTORY—	
CALENDAR,	56
BOARD OF TRUSTEES,	57
OFFICERS OF THE COLLEGE,	58
STUDENTS,	59

36730

UNIVERSITY OF THE STATE OF NEW YORK.

BOARD OF REGENTS.

1893.

ANSON J. UPSON, D.D., LL.D., <i>Chancellor</i> ,	GLENS FALLS.
RT. REV. W. C. DOANE, D.D., LL.D., <i>Vice-Chancellor</i> ,	ALBANY.
ROSWELL P. FLOWER, <i>Governor</i> ,	} <i>Ex-Officio</i> , ALBANY.
WM. F. SHEEHAN, <i>Lieutenant-Governor</i> ,	
FRANK RICE, <i>Secretary of State</i> ,	
JAMES F. CROOKER, <i>Supt. of Public Instruction</i> ,	

In order of election by the Legislature:

MARTIN I. TOWNSEND, LL.D., 1873,	TROY.
ANSON J. UPSON, D.D., LL.D., 1874,	GLENS FALLS.
WILLIAM L. BOSTWICK, 1876,	ITHACA.
CHAUNCEY M. DEPEW, LL.D., 1877,	NEW YORK.
CHARLES E. FITCH, 1877,	ROCHESTER.
ORRIS H. WARREN, D.D., 1877,	SYRACUSE.
LESLIE W. RUSSELL, LL.D., 1878,	NEW YORK.
WHITELAW REID, LL.D., 1878,	NEW YORK.
WILLIAM H. WATSON, M.D., 1881,	UTICA.
HENRY E. TURNER, 1881,	LOWVILLE.
ST. CLAIR McKELWAY, LL.D., 1883,	BROOKLYN.
HAMILTON HARRIS, LL.D., 1885,	ALBANY.
DANIEL BEACH, LL.D., 1885,	WATKINS.
WILLARD A. COBB, 1886,	LOCKPORT.
CARROLL E. SMITH, 1888,	SYRACUSE.
PLINY T. SEXTON, 1890,	PALMYRA.
T. GUILFORD SMITH, 1890,	BUFFALO.
RT. REV. W. C. DOANE, D.D., LL.D., 1891,	ALBANY.
RT. REV. FRANCIS McNEIRNEY, D.D., 1893,	ALBANY.
LEWIS A. STIMSON, M.D., 1893,	NEW YORK.
MELVIL DEWEY, M.A., <i>Secretary</i> ,	ALBANY.
ALBERT B. WATKINS, PH.D., <i>Assistant Secretary</i> ,	ALBANY.

BOARD OF TRUSTEES.

ADOLPH L. SANGER, A.M., LL.M., CHAIRMAN.

THADDEUS MORIARTY.	RANDOLPH GUGGENHEIMER.
JOHN L. N. HUNT, LL.D.	JAMES S. COLEMAN.
MILES M. O'BRIEN, LL.D.	CHARLES B. HUBBELL.
ADOLPH L. SANGER, A.M., LL.M.	CHARLES STRAUSS.
ROBERT MACLAY.	GEO. LIVINGSTON.
JOSEPH A. GOULDEN.	CHARLES L. HOLT.
JAMES W. GERARD, LL.D.	EMILE BENEVILLE, LL.B.
WM. J. VAN ARSDALE.	JAMES W. McBARRON.
CHARLES C. WEHRUM.	EDWARD BELL.
HENRY A. ROGERS.	R. DUNCAN HARRIS.
CHARLES H. KNOX.	ALEXANDER S. WEBB, LL.D.

ARTHUR McMULLIN, A.M., SECRETARY.

EDWARD E. VAN SAUN, ASSISTANT SECRETARY.

EXECUTIVE COMMITTEE

FOR THE

CARE, GOVERNMENT AND MANAGEMENT OF THE COLLEGE.

CHARLES L. HOLT, CHAIRMAN.

ROBERT MACLAY.	CHARLES STRAUSS.
R. DUNCAN HARRIS.	JAMES W. McBARRON.
GEORGE LIVINGSTON.	JOHN L. N. HUNT, LL.D.
JAMES W. GERARD, LL.D.	ADOLPH L. SANGER, A.M., LL.M.,
ALEXANDER S. WEBB, LL.D.,	<i>Ex-officio.</i>

OFFICERS
OF
INSTRUCTION, GOVERNMENT, ETC.

ARRANGED IN ORDER OF SENIORITY.

THE PRESIDENT AND PROFESSORS CONSTITUTE THE FACULTY.

ALEXANDER STEWART WEBB, LL.D.,
President.

ROBERT OGDEN DOREMUS, M.D., LL.D.,
Vice-President and Professor of Chemistry and Physics.

ADOLPH WERNER, PH.D.,
Professor of the German Language and Literature, and Secretary to the
Faculty.

ALFRED GEORGE COMPTON, A.M.,
Professor of Applied Mathematics.

CHARLES GEORGE HERBERMANN, PH.D., LL.D.,
Professor of the Latin Language and Literature, and Librarian.

DAVID BURNET SCOTT, PH.D.,
Professor of the English Language and Literature.

SOLOMON WOOLF, A.M.,
Professor of Descriptive Geometry and Drawing.

GEORGE BENTON NEWCOMB, PH.D.,
Professor of Moral and Intellectual Philosophy.

FITZ GERALD TISDALL, PH.D.,
Professor of the Greek Language and Literature.

JAMES WEIR MASON, A.M.,
Professor of Pure Mathematics.

HENRY PHELPS JOHNSTON, A.M.,
Professor of History.

WILLIAM STRATFORD, M.D., PH.D.,
Professor of Natural History.

CASIMIR FABREGOU, A.M.,
Professor of the French Language and Literature.

TUTORS AND INSTRUCTORS.

WILLIAM GEORGE MCGUCKIN, A.B., LL.B.

JOHN ROBERT SIM, A.B.

LEIGH HARRISON HUNT, M.S., M.D.

IVIN SICKLES, M.S., M.D.

CALVIN RAE SMITH.

CHARLES AVERY DOREMUS, M.D., PH.D.

GUSTAVE LEGRAS, B.S.

LEWIS FREEMAN MOTT, M.S.

AUGUST RUPP, A.B.

LUIS ALEJANDRO BARALT, A.B., M.D.

ROBERT HOUSTON.

HENRY G. KOST, B.S.

ERNEST ILGEN, A.B.

L. HEINRICH FRIEDBURG, PH.D.

JOHN ALFRED MANDEL.

WILLIAM FOX, B.S., M.E.

JAMES HERVEY DE GROADT.

C. HOWARD PARMLY, M.S., E.E.

WALTER O'BRIEN, M.D.

FREDERIC E. PERHAM, B.S., LL.B.

STANISLAS C. CONSTANT.

LOUIS FENNEBRESQUE, A.B., B.S.

JOHN J. McNULTY, Ph.D.

CHALES A. DOWNER, A.B.

ERNEST N. PERRIN, A.B., LL.B.

ARTHUR F. J. REMY, A.B.

HOWARD S. MEIGHAN, B.S.

FREDERICK G. REYNOLDS, B.S.

HAROLD E. LIPPINCOTT, B.S.

EDMUND BURKE, A.B.

HENRY S. CARR, A.M.

SAMUEL HANAWAY, B.S.

FRANZ SIGEL, JR., B.S.

GEORGES AUGÉ, A.B.

ARTHUR BRUCKNER, B.S.

CONRAD H. NORDBY, B.S.

ROBERT F. SMITH, B.S.

WALTER TIMME, B.S.

HENRY MAYELL,
Secretary to the President.

BENJAMIN ARAD SHELDON, Ph.D.,
Assistant in Library and Office.

JAMES TOHER,
Assistant in Office and Repository.

HENRY EVELYN BLISS,
Deputy Librarian.

MICHAEL F. BONNEY,
Janitor.

JAMES REED,
Engineer.

THE COLLEGE.

The College of the City of New York, originally entitled the Free Academy, was established in 1848 by the Board of Education of the City of New York, in pursuance of an Act of the Legislature of the State, passed May 7, 1847, and ratified by the vote of the people of the city, June 9, 1847. The first class entered January, 1849, and completed its course in July, 1853. In the year 1854 the Legislature passed a law endowing the institution with collegiate powers and privileges, so far as pertained to the conferring upon its graduates the usual collegiate degrees and diplomas in the Arts and Sciences. In the year 1866, on the recommendation of the Board of Education, the Legislature of the State changed the name to that of "*The College of the City of New York*," and conferred on the institution the powers and privileges of a college, pursuant to the Revised Statutes of the State, rendering it subject to the provisions of the said statutes relative to colleges, and to visitation of the Regents of the University, in like manner with other colleges of the State, and making the members of the Board of Education, *ex-officio*, the Trustees of the College. In 1872 the President of the College was, by Act of Legislature, made a member of the Board of Trustees. In the year 1882 the Legislature repealed so much of the statutes relating to the College as had made one year's attendance at the public schools of the city a requisite for admission, thus opening the College to all young men of the city of proper age and sufficient preparation. Instruction is free ;

so is the use of text-books and apparatus; and there is no expense whatever to be borne by the students.

TERMS, VACATIONS, DAILY SESSIONS.

The College year begins on the Thursday following the second Monday of September, and closes on the fortieth Thursday thereafter. It is divided into two terms. The first term closes on the fourth Friday of January; the second begins the following Monday.

There are three vacations—the Summer vacation, from the day after Commencement to the Thursday after the second Monday in September; the Winter vacation, from the 25th day of December to the 2d day of January, inclusive; and the Spring vacation, the week in which occurs the 1st day of May. There are no College exercises on legal holidays, or on any Friday immediately following a legal holiday.

During term-time the exercises begin at 20 minutes to 9 A. M., and continue until all the classes are heard. During the Winter months the sessions may open and close half an hour later.

REQUISITES FOR ADMISSION.

The examination of applicants for admission takes place immediately before the general examination in June. No applicant is admitted to the Sub-Freshman Class unless he be fourteen years of age on or before Commencement Day next following the regular examinations for admission, a resident of the City of New York, and shall have passed a good examination in *Spelling*, *English Grammar*, *Arithmetic*, *Plane Geometry*, as taught in the Public Schools, *Geography*, *History of the United States*, and in the *Elements of Industrial Drawing*.

No person is allowed to be present at the examinations for admission except the instructors of the College and the members of the Board of Trustees. Neither the names of the candidates nor the schools from which they came are made known to the instructors conducting the examination, but each candidate is designated, during the examination, by a number assigned to him

by the President. Candidates who pass a good examination are admitted *on probation for eight weeks*, at the expiration of which those who have shown the ability to prosecute the prescribed studies have their names entered on the rolls of the College.

In addition to the general examinations in June, special examinations for admission to the higher classes are held on the last Friday in each month.

Any young man, a resident of the city, may be received into any of the higher classes, provided he passes satisfactorily the same examination as the students of the class to which he may seek admission.

To be admitted to examination, candidates present to the President of the College certificates in due form, signed by the Principals of the schools which they have attended, and specifying the dates and length of time of their attendance.

Every student, on leaving the institution, after one year, with a good character, is entitled to a certificate stating the period he has been in the College and the studies there pursued by him, provided he has satisfactorily accounted for all the books and other property entrusted to him; but no student shall receive such a certificate if he be dismissed for misconduct. If a student absents himself for two weeks without permission, his name is stricken from the rolls, and he loses his right to a certificate of good standing on leaving the institution.

COURSES OF STUDY.

There are three courses of study, each of five years' duration. The student, or his parent or guardian, is required to choose one of these courses on entering, and no change from one course to another is permitted, except on passing an examination satisfactory to the Faculty, in the studies that have been pursued by the class which the student desires to join. An outline of the studies in each course is given in the schedule on pages 13 to 21.

The three courses are alike collegiate in character, aiming at general development of the powers of the mind rather than special preparation for a particular pursuit in life. The Classical

Course gives a special prominence to the Latin and Greek languages, but includes one modern language also in the Senior year. It leads to the degree of Bachelor of Arts. In the Scientific and Mechanical Courses, more attention is paid to mathematics and modern languages, but Latin may, at the option of the student, be included in the Senior year in the Scientific Course. These two courses lead to the degree of Bachelor of Sciences.

The Mechanical Course differs from the Scientific Course in giving more prominence to the applications of Mechanical Science during the Senior year, and in making practice in the work-shop and mechanical laboratory obligatory to the extent of four hours a week, on an average, during the entire course. The time for this extra work is provided, in part, by the omission of a portion of the work in Natural History and Philosophy and the omission of a third language in the Senior year, and in part by requiring additional hours of attendance at the College, making the total number of hours in this course twenty-three a week, while in the others it is twenty. In addition to the above, a course in Elementary Mechanical Drawing is introduced in place of some of the free-hand drawing in the three lower classes.

In the Classical and Scientific Courses, work-shop practice is permitted in the afternoons, as far as the capacity of the shops will allow, to such students as, in the opinion of the Faculty, can perform this work without interfering with their studies.

There is also a Post-Graduate Course in Civil Engineering extending through two years.

In addition to the lectures and recitations indicated in the following schedule, there are exercises in oratory and declamation in the Chapel every morning, when one Senior, one Junior and one Sophomore speak before the whole College.

CLASSICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> } <i>Poetical Selections,</i> }	3
Latin.....	<i>Allen and Greenough's Grammar, Leighton's Lessons,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy	<i>Lectures,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language... ..	<i>Abbott's "How to Write Clearly,"</i>	3
Latin.....	<i>as in first term,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Botany.....	<i>Kellerman,</i>	2
Free-hand Drawing from Flat and Round....		3
Elements of Physics	<i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
Latin.....	{ <i>Herbermann's Sallust, Allen and Greenough's</i> } <i>Grammar, Prose Composition,</i> }	3
Greek.....	<i>Goodwin's Grammar, White's First Lessons,</i>	3
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry....	<i>Davies' Legendre,</i>	3
Descriptive Geometry.....	<i>Woolf,</i>	3
Zoölogy... ..	<i>Lectures and Orton,</i>	2
Compositions.		

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
Latin.. ..	<i>Cicero's Orations, Grammar and Prose Composition,</i>	3
Greek	<i>as in first term, and Goodwin's Xenophon's Anabasis,</i>	3
History.....	<i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry.. ..	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. {	<i>Wheeler, Compton's Manual,</i> }	3
	<i>Loomis' Logarithms,</i>	
Zoölogy.....	<i>as in first term,</i>	2
Shades and Shadows and Perspective.....		3
Compositions.		

THIRD YEAR—FIRST TERM.

THIRD YEAR—SECOND TERM.

JUNIOR CLASS.

14

FOURTH YEAR—SECOND TERM.

Hour
per week

English Language and Literature, Prose.....	{ Brooke, Shaw, and Printed Selections, }	2
Latin.....	{ Cicero's Letters, Horace's Satires and Epistles, Prose Compositions, }	4
Greek.....	{ Grammar and Prose Composition, Selections from Iliad or Odyssey of Homer, }	3
Optics and Astronomy.....	Lectures and Bartlett, Newcomb,	4
Political Economy.....	Lectures and Andrews' Political Economy,	3
Chemical Physics.....	as in first term,	2
History.....	as in first term,	1
Anthropology, Zoölogy.....	as in first term,	1
Original Declamations.		

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ French or German or Spanish }	{ Robertson's Grammar, Roemer's Polyglot Reader, Roemer's Cours de Lecture, Vols. I, II, Roemer's French Idioms, Sheldon's Grammar, Whitney's Reader, Ollendorff's Grammar, Morales' Reader, Butler's Phrases, Iriate's Fables, Roemer's Spanish Polyglot, and English Polyglot, }	5
Latin ...	{ Crutwell's Roman Literature, Grammar, Harring- ton's Plautus, }	3
Greek.	{ A play of Æschylus or Sophocles or Euripides. Selections from Herodotus and Thucydides, Jevons' Greek Literature, Grammar, Arnold's Prose Compositions, }	3
Chemistry.....	Bloxam, Clowes' Practical Chemistry,	3
{ Psychology.....	Lectures and Janes' Human Psychology, }	4
{ Pedagogics*	Lectures, }	
Geology, Mineralogy, and Palæontology.....	Lectures and Dana,	1
Æsthetics and the History of Art.....	Lectures,	1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ French..... or German. or Spanish	{ }	as in first term,	5
Latin.....	Cicero's De Natura Deorum, Maclean's Juvenal,		3
Greek.	{ A play of Aristophanes, Lectures on the Language and Literature, Jevons, }		3
History of Philosophy, Ethics..	Lectures and Elmendorf, Janet, Ueberweg,		4
Chemistry	as in first term,		3
Geology, Mineralogy, Palæontology.....	as in first term,		1
Æsthetics and the History of Art.....	as in first term,		1
Original Declamations.			

* Lectures on Pedagogics are delivered during the first term by the Professor of Philosophy.

SCIENTIFIC COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.		Hours per week
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> <i>Poetical Selections,</i> }	3
French.....	<i>Complete French Course, based on Chardenal,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language.....	<i>Abbott's "How to Write Clearly,"</i>	3
French.....	<i>as in first term, and Roemer's Cours de Lecture, Vol. I,</i>	5
Algebra.....	<i>Wentworth,</i>	5
Botany.....	<i>Kellerman,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
French.....	{ <i>Roemer's Cours de Lecture, Vol. I, Complete</i> <i>French Course, based on Chardenal,</i> }	3
{ German..... or..... Spanish..... }	{ <i>Eysenbach's Grammar,</i> <i>Ollendorff, Morales' Reader, Butler's Phrases,</i> <i>Iriarte's Fables,</i> }	2
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Zoölogy.....	<i>Lectures and Orton,</i>	2
Descriptive Geometry.....	<i>Wolf,</i>	4
Compositions.		

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
French.....	<i>Roemer's Cours de Lecture, Vol. II, and Complete French Course,</i>	3
{ German..... or..... Spanish..... }	{ <i>as in first term,</i> }	2
History.....	<i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. {	<i>Wheeler. Loomis' Logarithms,</i> <i>Compton's Manual,</i> }	3
Shades, Shadows and Perspective.....		4
Zoölogy.....	<i>as in first term,</i>	2
Compositions.		

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Literature.....	Shaw, 2
Rhetoric.....	Genung's Rhetoric, 2
Logic.....	Jevons, 1
French.....	{ Roemer's Cours de Lecture, Vols. II and III, } and Complete French Course, } 2
{ German.....	Hauff's Karavane, Eysenbach's Grammar, }
{ or	
{ Spanish.....	Iriarte's Fables, Ollendorff, Roemer's Polyglot Readers, } 3
History.....	Thompson's History of England, 2
Spherical Trigonometry, Surveying and Navigation..	Wheeler and Docharty, 3
Free-hand Drawing—Course of Ornament.....	3
Chemistry.....	Clowes' Practical and Analytical Chemistry, 2
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	as in first term, 2
Rhetoric.....	as in first term, 2
Logic.....	as in first term, 1
French.....	as in first term, 2
{ German.....	
{ or	
{ Spanish.....	} as in first term, 3
History.....	as in first term, 2
Analytical Geometry.....	Peck, 3
Drawing.—Study of the Human Form.....	3
Chemistry.....	as in first term, 2
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry...	Shaw and Printed Selections, 2
{ German.....	Pütz's Reader, Eysenbach's Grammar, }
{ or	
{ Spanish.....	{ Moratin, Don Quixote, Roemer's Polyglot Reader, } Morales' Reader, } 5
Political Science.....	{ Lectures and Cooley's, and Ken's Constitutional } Law, Woolsey's International Law, } 3
Differential and Integral Calculus.....	Peck, 3
Chemical Physics.....	Fiske, Pyncheon, 2
History.....	Lectures and Eliot's History of the U. S., 1
Acoustics and Optics and Heat.....	Lectures and Bartlett, 3
Anthropology, Zoölogy.....	Lectures and Tenney, and Orton, 1
Original Declamations.	

FOURTH YEAR—SECOND TERM.

Hours
per week.

English Language and Literature, Prose..	{ <i>Brooke, Shaw, and Printed Selections,</i> }	2
{ German or Spanish..... }	{ as in first term, }	5
Political Economy	<i>Lectures and Andrews' Political Economy,</i>	3
Differential and Integral Calculus.....	as in first term,	3
Chemical Physics.....	as in first term,	2
History	as in first term,	1
Acoustics and Optics and Heat.....	as in first term,	3
Anthropology, Zoölogy.....	as in first term,	1
Original Declamations.		

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ Spanish or German..... }	{ <i>Ollendorff's Grammar, Butler's Phrases, Iriarte's Fables, Roemer's Polyglot Reader,</i>	5
{ German..... or Latin }	{ <i>Sheldon's Grammar, Whitney's Reader, Grammar, Leighton's Lessons, Harkness' Cæsar, Herbermann's Sallust,</i>	
{ Psychology Pedagogics..... }	{ <i>Lectures and Janes' Human Psychology, Lectures,</i>	4
Chemistry.....	<i>Bloxam, Clowes' Practical Chemistry,</i>	3
Mechanics and Astronomy.....	<i>Bartlett,</i>	5
Geology, Palæontology and Mineralogy.	<i>Lectures and Dana,</i>	1
Æsthetics and the History of Art.....	<i>Lectures.</i>	1
*French or German.....		1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

{ Spanish or German..... }	{ as in first term, }	5
{ German..... or Latin..... }	{ <i>Grammar, Leighton's Lessons, Chace's Cicero, Frieze's Virgil's Æneid,</i>	
History of Philosophy, Ethics..	<i>Lectures and Elmendorf, Janet, Ueberweg,</i>	4
Chemistry.....	as in first term,	3
Mechanics and Astronomy.....	as in first term,	5
Geology, Palæontology and Mineralogy.....	as in first term,	1
Æsthetics and the History of Art.....	as in first term,	1
French or German.....		1
Original Declamations.		

*In the Senior year the students of the Scientific Course may, at their option, have one lesson a week in French, or in the second modern language.

MECHANICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

	Hours per week.
English Language..... { <i>Brown's Institutes of English</i> } 3	
French.... { <i>Grammar, Poetical Selections,</i> }	
Geometry..... <i>Complete French Course, based on Chardenal,</i>	5
Free-hand and Mechanical Drawing..... <i>Davies' Legendre,</i>	5
Elements of Physics..... <i>Lectures and Cooley,</i>	2
Workshop and Mechanical Theory { <i>Compton's First Lessons in</i> }	5
	Wood-working, }

FIRST YEAR—SECOND TERM.

English Language..... <i>Abbott's "How to Write Clearly,"</i>	3
French..... <i>as in first term, and Roemer's Cours de Lecture, Vol. I,</i>	5
Algebra..... <i>Wentworth,</i>	5
Free-hand and Mechanical Drawing.....	3
Elements of Physics..... <i>as in first term,</i>	2
Workshop and Mechanical Theory..... <i>as in first term,</i>	5

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms..... <i>Graham,</i>	1
French..... { <i>Roemer's Cours de Lecture, Vol. I,</i> }	3
	<i>and Complete French Course,</i> }
German..... <i>Eysenbach's Grammar,</i>	2
History..... <i>Myers' General History,</i>	3
Algebra..... <i>Loomis,</i>	2
Geometry..... <i>Davies' Legendre,</i>	3
Descriptive Geometry and Mechanical Drawing..... <i>Woolf,</i>	4
Workshop and Theory..... <i>Compton's First Lessons in Metal Working,</i>	5
Compositions.	

SECOND YEAR—SECOND TERM.

English Synonyms..... <i>as in first term,</i>	1
French..... <i>Roemer's Cours de Lecture, Vol. II, and Complete French Course,</i>	3
German..... <i>as in first term,</i>	2
History..... <i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry..... <i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. { <i>Wheeler, Loomis' Logarithms,</i> }	3
	<i>Compton's Manual,</i> }
Shades, Shadows and Perspective, and Mechanical Drawing.....	4
Workshop and Theory <i>as in first term,</i>	5
Compositions.	

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

THIRD YEAR—FIRST TERM.		Hours per week.
English Literature.....	<i>Shaw,</i>	2
Rhetoric.....	<i>Genung's Rhetoric,</i>	2
French	{ <i>Roemer's Cours de Lecture, Vols. II, and</i> <i>III, and Complete French Course,</i> }	2
German	<i>Hauff's Karavane, Eysenbach's Grammar,</i>	3
History.....	<i>Thompson's History of England,</i>	2
Spherical Trigonometry, Surveying and Navigation...	<i>Wheeler, Docharty,</i>	3
Drawing (Mechanical).		3
Chemistry	<i>Clowes,</i>	2
Workshop and Theory.....		4
Compositions.		

THIRD YEAR—SECOND TERM.

English Literature.....	<i>as in first term,</i>	2
Rhetoric.....	<i>as in first term,</i>	2
French.....	<i>as in first term,</i>	2
German.....	<i>as in first term,</i>	3
History.....	<i>as in first term,</i>	2
Analytical Geometry.....	<i>Peck,</i>	3
Drawing (Mechanical).....		3
Chemistry.....	<i>as in first term,</i>	2
Workshop and Theory.....		4
Compositions and Declamations.		

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry	<i>Shaw, and Printed Selections,</i>	2
German	<i>Pütz's Reader, Eysenbach's Grammar,</i>	5
Political Science	<i>{ Lectures, Cooley's and Kent's Constitu- tional Law, Woolsey's International Law, }</i>	3
Differential and Integral Calculus	<i>Peck,</i>	3
Chemical Physics	<i>Fiske, Pynchon,</i>	2
History	<i>Lectures and Eliot's History of the U. S.,</i>	1
Acoustics and Optics and Heat	<i>Lectures and Bartlett,</i>	3
Anthropology, Zoölogy	<i>Lectures and Tenney,</i>	1
Workshop and Theory		3
Original Declamations		

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose..... { <i>Brooke, Shaw, and</i> <i>Printed Selections,</i> }	2
German.....as in first term,	5
Political Economy..... <i>Lectures and Andrews' Political Economy,</i>	3
Differential and Integral Calculus.....as in first term,	3
Chemical Physics.....as in first term,	2
History .....as in first term,	1
Acoustics and Optics and Heat.....as in first term,	3
Anthropology, Zoölogy.....as in first term,	1
Workshop and Theory.....	3
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

Theory of Prime Movers.....	5
{ Psychology..... <i>Lectures and Janes' Human Psychology,</i>	4
{ Pedagogics..... <i>Lectures,</i>	
Chemistry.....	<i>Bloxam, Clowes,</i> 3
Mechanics and Astronomy.....	<i>Bartlett,</i> 5
Geology, Palæontology and Mineralogy.....	<i>Lectures and Dana,</i> 1
Æsthetics and the History of Art.....	<i>Lectures,</i> 1
Workshop, Drawing and Theory.....	4
Original Declamations.	

FIFTH YEAR—SECOND TERM.

Theory of Prime Movers	5
History of Philosophy, Ethics... <i>Lectures and Elmendorf, Janet, Ueberweg,</i>	4
Chemistry..... <i>as in first term,</i>	3
Mechanics and Astronomy..... <i>as in first term,</i>	5
Geology and Palæontolgy, Mineralogy..... <i>as in first term,</i>	1
Æsthetics and the History of Art..... <i>as in first term,</i>	1
Workshop, Drawing and Theory.....	4
Original Declamations.	

SCHEDULE

EXHIBITING THE SUBJECTS OF STUDY, TOGETHER WITH THE NUMBER OF WEEKLY RECITATIONS
PER CLASS AND TERM IN EACH SUBJECT.

	SUB-FRESH- MAN CLASS.		FRESHMAN CLASS.		SOPHOMORE CLASS.		JUNIOR CLASS.		SENIOR CLASS.	
	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.
LANGUAGES....	English	3	3	1	2	2	2	2	..	..
	{ Latin	5	5	3	2	2	4	4	3	3
	{ Greek .....	..	..	3	3	3	3	3	3	3
	{ French, or German, or Spanish.....	..	..	..	..	..	..	..	5	5
	OR									
	{ French	5	5	3	2	2	..	..	} 5	5
	{ German or Spanish*.....	..	..	2	3	3	5	5		
	{ Spanish, German or Latin .....	..	..	..	..	..	..	..	5	5
	Rhetoric .....	..	..	..	..	2	..	..	..	..
	General History.....	..	3	3	..	2	..	..	..	..
HISTORY	English History.....	..	..	..	2	2	1	1	..	..
	United States History.....	..	..	..	..	1	..	..	..	..
	Logic.....	..	..	..	1	1	..	..	..	..
	Moral Philosophy .....	..	..	..	..	..	..	..	..	1
PHILOSOPHY...	Psychology and Pedagogics.....	..	..	..	..	..	..	..	4	..
	History of Philosophy .....	..	..	..	..	..	..	..	..	3
	Political Economy.....	..	..	..	..	..	..	3	..	..
	Political Science.....	..	..	..	..	..	3	..	..	..

PURE MATHEMATICS.	Algebra.....	5	5	2	..	..	..	..	..	..
	Geometry.....	..	..	3	..	..	..	..	..	..
	Trigonometry, etc. ....	..	..	3	..	..	..	..	..	..
	Descriptive Geometry.....	..	3 or 4	..	..	..	..	..	..	..
MIXED MATHEMATICS.	Analytical Geometry, etc.....	..	..	..	..	3	..	3	..	..
	Differential and Integral Calculus .....	..	..	..	..	..	3 or 4	3 or 4	..	..
	Acoustics and Optics.....	..	..	..	..	..	3 or 4	3 or 4	..	..
	Spherical Astronomy and Analytical Mechanics.....	..	..	..	..	..	..	0 or 5	0 or 5	..
DRAWING.....	Free-hand Drawing from Flat and R'nd Perspective, Shades and Shadows.....	3	3	..	..	4	..	..	..	..
	Free-hand Drawing; Course of Orn- ament.....	..	..	..	..	..	3	..	..	..
	Study of the Human Form.....	..	2	..	..	..	..	1	1	..
	Lectures on Physics.....	..	2	..	..	..	..	..	..	..
PHYSICS AND CHEMISTRY.	Inorganic Chemistry, Practical and Analytical.....	..	..	..	..	2	2	..	3	3
	Chemical Physics.....	..	..	..	..	..	..	2	..	..
	Organic, Practical and Applied Chemistry.....	..	..	..	..	..	..	2	3	3
	Anatomy	0 or 2	0 or 2	..	..	..	..	..	..	..
NATURAL SCIENCE.	Botany.....	..	..	0 or 2	..	..	..	..	..	..
	Zoölogy.....	..	..	0 or 2	0 or 2	..	..	..	..	..
	Anthropology and Zoölogy.....	..	..	..	..	..	1	1	..	..
	Geology.....	..	..	..	..	..	..	..	1	1

*The order in which these languages are studied is optional with the student.

DEPARTMENTS OF STUDY.

The following statements are intended to explain the ground gone over in the several departments and the methods pursued :

ENGLISH LANGUAGE AND LITERATURE.

The training in English commences in the Sub-Freshman year, with a brief but comprehensive review of the analysis of the English sentence. This is immediately followed by instruction in punctuation, based on the structure of the sentence, and by the correction of false syntax. A brief course in the more common figures of speech and in the elements of versification comes next. The student is now required to memorize short poetical selections from the best writers, and his previous training is brought to bear in the minute analysis of these selections, thus thoroughly riveting in his memory his previous instruction. This closes the work of the first term. In the second term *Abbott's "How to Write Clearly"* is the text-book. The sentences are written out at home, and corrected by the student. In the recitation room he is required to give clear reasons for the corrections, based on the principles or rules laid down by the author.

Throughout the Freshman or second year, the entire time, one hour a week, is given to the study of *Graham's Synonyms* in the text, and in the correction of examples. Combined with this there is also instruction given in etymology.

In the Sophomore year the history of English literature is pursued, with *Shaw* as a text-book. A knowledge of the chronological arrangement of English authors, their chief works, together with the leading facts in their lives, is what is chiefly aimed at. The importance of being able to fix the time and place in English literature of leading authors cannot well be over-estimated. Rhetoric, *Genung's*, is begun and finished during the year, and written compositions are required from the entire class during both terms.

The students are now prepared for the higher instruction in English Language and Literature during the Junior year. The

text-book is here thrown aside, and oral lectures, together with the reading of selections, form the business of the year. The Professor reads to the students and the selections are in their hands while he reads. In this way he endeavors to create and strengthen a taste for the best prose and poetry. The first term's work deals entirely with poetry, the second term's with prose. The aim of both terms is to furnish a philosophical classification of writers, through analysis and criticism. In the second term, in particular, the reading and analysis of the prose writers enables the instructor to give special attention to the striking characteristics of the great masters of English prose. The instruction of the second term deals also with the condition of the language in the fourteenth century, and proceeding onwards, develops, through the selections and readings, the gradual progress of English speech to our own times.

Compositions are required from Juniors and Seniors during both terms. After having been examined by the Professor, these compositions are delivered as orations on the Chapel stage.

LATIN LANGUAGE AND LITERATURE.

This department comprises a longer and a shorter course. The five years course begins, in the Sub-Freshman Class, with the elements of the language, and includes the authors generally studied in colleges. That the students in this College are enabled to cover so much ground in five years is due to several causes. In the first place, they begin the study at a much more advanced age than boys in classical preparatory schools. In the next place, considerable time is devoted to it in the two highest classes, where in many colleges it disappears wholly from the plan of studies. Again, the training proceeds upon a uniform method from first to last. Lastly, the thoroughness of the College examinations secures classes of nearly uniform acquirements, so that the progress of the class is not retarded by the presence of ill-prepared students.

As the object of all good teaching is to make the scholar independent of the teacher, the department aims, above all else, to

impart to the students correct methods. Hence, two years are devoted wholly to the study of the prose writers, on which the syntax is based (*Cæsar, Cicero, Sallust*). Only when the students are able to feel a deviation from the rules there laid down do they take up *Virgil* and *Horace*, and the ante-classic and post-classic writers. To keep before them the ideal of classic prose, some of *Cicero's writings* are read in the Junior and Senior years. To make the study of Latin a means of acquiring a more thorough command of the mother tongue, idiomatic translation is insisted on. While grammatical construction is everywhere carefully explained, care is taken that the scholar shall not forget that, in every literature, language is but the dress of thought. Hence the subject matter is explained thoroughly and illustrated by reference to history, mythology, art, social and political antiquities, law and etymology.

A course of one year is open to such of the Scientific Seniors as elect it. Their previous language studies enable them to make rapid progress. They read selections from *Cæsar* and *Sallust*, an oration of *Cicero* and a book of *Virgil*.

GREEK LANGUAGE AND LITERATURE.

The study of Greek is begun in the Freshman year. The students learn the paradigms, the orthography, and the general rules of syntax, complete a course of fifty-five lessons in *White's Lessons in Greek*, and read two chapters of the first book of the *Anabasis*.

In the Sophomore year Etymology and the general rules of Syntax are thoroughly reviewed and the details studied. There are weekly exercises in the elements of Greek prose composition.

Selected passages are read in the first four books of the *Anabasis*, the *Memorabilia* and a dialogue of *Plato*; about fifty pages in all. In the first the attention of the students is directed to the historical and geographical allusions, and in the last two, in addition to these, to the doctrines and opinions propounded. During this year a parallel is drawn between the Greek and

Latin syntax, thereby greatly aiding the student; and the difference of the English idioms dwelt upon.

In the Junior year the exercises in composition are continued. Attention is directed to the formation of words. Either three popular orations of Demosthenes or selections from the *De Corona* are read, with attention to history and geography, and a critical analysis of the orator's style. About two books of either the *Iliad* or the *Odyssey* are read, attention being given to the scansion and Homeric syntax and dialect; and the Homeric question is presented.

The Seniors read selections from Herodotus and Thucydides, accompanied with criticism of the styles and short lectures on the historical episodes discussed. Also there are read portions of a tragedy and an entire comedy. Lectures are given on the drama and theater, and on the Greek language and literature.

FRENCH LANGUAGE AND LITERATURE.

The *Complete French Course*, based on Chardenal, is the first book for the Sub-Freshman year. One lesson a day is studied during the first term, and the exercises attached to it are written at home. During the second term two lessons of the same book are studied twice a week, and selections from the exercises are written, thus finishing the book in the year.

A systematic study of the conjugations is taken up early and continued until completed.

The first volume of *Roemer's Cours de Lecture et de Traduction* is studied three days in the week during the second term.

The teaching is, as far as practicable, carried on in French.

In the Freshman year, the work consists, *first*, of oral translation from the French, based upon logical and grammatical analysis, and *second*, of oral and written phraseological exercises, both by imitation and by application of the grammar.

In the Sophomore year, the time is devoted, *first*, to the written translation of English selections into French; *second*, to the reading of passages from modern novels and plays; *third*, to giving oral or written *résumés* of these passages.

In the optional Senoir course of one hour weekly, *Made-moiselle de la Seiglière, comédie, par Jules Sandeau*, and one *comédie* of Molière are read critically.

For students of the Classical Course who elect French in the Senior year, the course is so modified as to apply to advantage their previous training, especially their knowledge of Latin.

The text-books used in this department are the *Complete French Course*, based on Chardenal, and *Roemer's Cours de Lecture, Etude Raisonnée, Contes et Mélanges, Histoire et Roman Historique*, Sandeau and Molière.

GERMAN LANGUAGE AND LITERATURE.

Eysenbach's Grammar is introduced at the beginning of the Freshman year—during which it is the only book put into the students' hands—continued at the rate of one lesson a week through the Sophomore year, and of two lessons a week through the Junior year, at the close of which it is completed. In the Sophomore and Junior years, selections in prose and verse are read. Those students who choose to continue in this department through the Senior year read in Goethe, also a comedy and a scientific essay; they are exercised in composition and conversation.

In the one-year Senior course, also, the work proceeds in the direction above stated; but, of necessity, is less extended.

In both courses poetry is memorized, and prose is so learnt that the students can produce the German when the teacher gives the translation.

SPANISH LANGUAGE AND LITERATURE.

The study of the Spanish language and literature is carried on in all courses.

The scientific students begin Spanish in the Freshman year. The elements of the language are acquired by the study of selections from *Butler's Phrase Book*, and the reading of selections in prose and verse from *Iriarte* and *Morales' Reader*.

In the Sophomore year, *Quintana's Lives* are read, exercises

in dictation are added, and *Sales' Grammar* and *Pizaro's Phrases* are used.

The Juniors review the grammar by the study of Sales' work ; they translate Moratin's comedy *El sí de las Niñas*, and selections from *Don Quijote* ; make oral and written translations of English selections of various styles ; write Spanish compositions ; and study Spanish versification and literature.

The work of the Classical students in the Senior Class does not differ materially from that outlined above, except as it is affected by the shortness of the course ; which is, however, in a degree compensated for by the greater maturity and better preparation of the class.

HISTORY.

The History course extends through the Freshman, Sophomore and Junior years in all the courses. The Freshman Class study *Myers' General History* and *Freeman's General Sketch*, with map illustrations and exercises.

This general view of the history of Europe is succeeded, in the Sophomore Class, by the thorough study of English History. *Thompson's History* is taken as a guide, but the instructors add largely, by explanation and lecture, to the matter contained in the text-book.

In the Junior year, lectures are delivered upon American topics, the aim of the course being not only to extend the student's knowledge in this field, but also to lead him into critical and comprehensive methods of studying the history of his own country. The important events from the period of discovery to the present times are examined mainly with reference to their causes and influence, while due attention is paid to institutional history. Topics such as the following are treated : The gradual unfolding of the New World to the Old ; the struggle for possession here by European powers ; Colonial life and tendencies ; the growth of liberty and of local self-government, involving the relation of American history to English ; the Revolution ; the new order of things ; history of American politics, etc.

Students are called upon to discuss the subjects in the class-room, where they also become familiar with the standard, and, as far as possible, original authorities on American history. *Eliot's History of the United States* is used as a reference book.

The Historical Cabinet contains a collection of electrotypes of nearly four hundred of the finest ancient coins in the British Museum; the obverse and the reverse of each coin being shown. The arrangement exhibits, chronologically and geographically, the history of coinage from 700 B. C. to the Christian era. An additional section, one of a small number yet seen in the United States, exhibits the most famous medallions struck from A. D. 1 to 217. The whole collection is the gift of the Class of '75.

PHILOSOPHY.

The studies in this department are commenced in the Sophomore year. Logic, deductive and inductive, is then studied, as a discipline preparatory to the whole course. *Jevons' Lessons* is used as a text-book, and the students are taught to apply logical principles by means of numerous exercises, written and oral.

The philosophical studies of the Junior year are in the field of political and social science. The first term is devoted to political science. A course of lectures is given, indicating the foundations of law and government in human nature, tracing the growth of law and governmental forms and the development of the modern constitutional state, and discussing questions in the philosophy of government and legislation. American constitutional law is studied in *Cooley's* and *Kent's* expositions, with comparison of our own and other systems. A brief view of international law is given, *Woolsey's* manual being used as a basis. In the second term economic science is taken up; the intimate connection of the economic with the political structure and development of society having already been considered, the study continues to be one of social development, but in its economic phase. Andrews' text-book is used with extended comments, and lectures are given on leading points in the history and theory of political economy; and in applied political economy such questions as those of money and of finance in the United States are examined.

The Senior year studies are, Psychology, Philosophy and Ethics. The principles of Pedagogics, as based in Psychology, are treated of, in connection with Psychology, but in a separate course of lectures on theory of teaching.

The instruction of the year is chiefly by lectures, with selections from manuals and with directions for reading. In Psychology, the aim is to present a descriptive view of the phenomena and laws of mental action, and also, without dwelling much on philosophical questions, to make the study lead up to philosophy. In the lectures considerable attention is given to Physiological Psychology and the methods and results of recent experimental investigation.

The subjects of the second term are, General Philosophy and Ethics. The philosophical doctrines and systems of most historic importance are, as far as time admits, examined and the development of speculative thought traced, to aid in elucidating the principal questions now discussed by philosophers. Political, educational and ethical theories are examined, and select topics in practical ethics are discussed, with the aid of *Janet's Manual*.

Theses on assigned topics in the course are prepared and discussed by students during the Junior and Senior years.

MATHEMATICS.

The course in Pure Mathematics is the same for all students as far as the close of the Sophomore year.

The Sub-Freshman Class study *Davies' Legendre* through the fifth book, with additional problems and theorems from the appendix and elsewhere, and *Wentworth's Algebra* from the beginning to Arithmetical Progression.

The Freshman Class complete the Geometry; they study Mensuration and Plane Trigonometry, using *Wheeler's Treatise* as a text-book, and higher Algebra, including the theory of Logarithms from *Loomis' Treatise*; and are practiced in logarithmic computation, using *Compton's Manual*.

In the first term the Sophomore Class go through *Wheeler's*

Spherical Trigonometry, *Docharty's Surveying and Navigation*, and in the second term, *Peck's Analytical Geometry*, embracing the Geometry of Three Dimensions as far as Surfaces of Revolution.

Mathematics is not obligatory upon classical students beyond the Sophomore year; but such as may elect to pursue the study join the students of the Scientific and Mechanical Courses in the study of Calculus, which is the work of the Junior year. *Peck's Treatise* is used as a text-book, and is completed as far as the Applications to Mechanics and Astronomy.

APPLIED MATHEMATICS.

In the Scientific Course, the studies of Pure and Applied Mathematics afford the student such intellectual training and such knowledge of Mathematics, Mathematical Physics, Mechanics and Astronomy as to lessen materially the time that will be required for the study of a specialty in any of the schools of civil, mechanical or mining engineering. A graduate of good standing in the Scientific or the Mechanical Course will be able to master in two years, or less, the studies usually pursued in such schools.

In the Scientific Courses, in the Junior year, while the student is acquiring, in the department of Pure Mathematics, the knowledge of the Calculus necessary for the study of Analytical Mechanics, he attends recitations and lectures on Acoustics and Optics, only such elementary mechanical principles being taught as are necessary to the understanding of those subjects. Near the end of the Junior year the study of *Bartlett's Analytical Mechanics* is commenced, and it is continued during the first term of the Senior year. Much additional matter is given in the way of illustrations and problems applying the principles taught to practical ends. In the second term of the Senior year the subject taught is Spherical Astronomy. The endeavor is made to show how the science has grown up, how its discoveries have been made, how it explains the phenomena of the heavens, to teach the general principles of the adjustment and use of instru-

ments, and the methods of making and recording observations, and the application of astronomy to the uses of the surveyor and the navigator.

In the Mechanical Course further application is made of the principles of mechanics, to the study of the forms and functions of the parts of engines, the theory of prime movers, and the construction, testing and management of engines.

The scope of the instruction in the Classical Course is less extended. All that is sought is to give a general idea of the principles of Mechanics, Acoustics, Optics and Astronomy, with very little Mathematical Analysis. Of the four hours per week allotted in the Junior year to this department, generally about three are given to lectures and one to recitations.

CHEMISTRY AND PHYSICS.

The instruction in Chemistry is divided into an elementary and advanced grade.

The first is open to the students of the Sophomore Class. Two hours a week are spent in the Laboratory. *Clowes' Practical Chemistry* is the text-book followed, and the students are provided with all the necessary apparatus to perform the experiments described. Manipulation of the gases is succeeded by a course in qualitative analysis.

The advanced grade is for the students of the Senior Class. Three hours a week are given to the study, one lecture on General Chemistry, and two hours in the Laboratory. *Bloxam's* is used as a text-book of Chemistry, while *Clowes' Practical Chemistry* serves to complete the study of qualitative analysis. The laboratory instruction for the Senior Class follows a prepared synopsis. Through the study of Chemical Physics described below, the students of the advanced Chemical course are enabled to make use of apparatus essential to the thorough study of General Chemistry. In addition to the problems in qualitative analysis and chemical physics, the advanced grade provides for instruction in the outlines of Applied Chemistry, and of volumetric and quantitative analysis.

The equipment of the Chemical Laboratory is very complete; its arrangement, as well as that of the desks, offers many facilities. The Lecture-room, which adjoins the Laboratory, is provided with the necessary conveniences for lecture illustration. There is a collection of the ores and other natural specimens sufficient to illustrate the chief forms in which the elements occur. The College owns a set of charts, made by a draughtsman specially employed.

The subjects of Heat, Light and Electricity, and such other parts of Physics as have a direct bearing on Chemistry, are taught in this department.

Two lectures are given each week on general experimental physics to the students of the Sub-Freshman Class. These lectures are fully illustrated by experiments and charts. The students are required to take notes; they are marked upon the correctness and fullness of these notes. *Cooley's Physics* is given as a text-book for home study.

The students of the Junior Class listen to one lecture a week, and have one hour in the Laboratory devoted to study of themes bearing either upon the generation of the forces of nature or of those closely allied to the thorough comprehension of Chemical Physics.

The Cabinet of Physical Apparatus is provided with many instruments. There are about 2,300 pieces of Physical Apparatus. A special Laboratory for the manipulation of the apparatus adjoins the one used for Chemistry. Besides this, there is a Balance-room which contains some fine instruments. A Dark-room serves for demonstration in the use of the Spectroscope and Polariscope and in Photography. There is also a Photo-metric room. The Photometer is arranged for the comparison of two gases as well as for the determination of the candle-power of one. The College dynamo-machines, four in number, supply the electric currents necessary for experimentation and lantern projection.

Pynchon's Chemical Physics and *Fiske's Electrical Engineering* are used as the text-books for the advanced grade. Notes

must be taken of the lectures, and also of the experiments performed in the Laboratory, and reports from these submitted.

NATURAL HISTORY.

The arrangement of the studies in this department is as follows:

SUB-FRESHMAN—	{ Anatomy. Botany. }	Two hours per week.	{ Lectures. Text-book (<i>Kellerman</i>). }
FRESHMAN—	Zoölogy.	Two hours per week.	{ Text-book (<i>Orton</i>) and Lectures. }
JUNIOR—	Anthropology.	One hour per week.	Lectures and <i>Orton</i> .
SENIOR—	{ Mineralogy. Palæontology. Geology. }	One hour per week.	{ Text-book (<i>Dana</i>) and Lectures. }

As the object of the instruction is to teach the students to observe carefully, to record accurately—to know the thing *itself*—the class-room work is made, as far as possible, practical.

The course is essentially a *biological* one. The general relations of the inorganic and organic worlds, the phenomena of life, and the structure and life history of typical plants and animals are taught.

A good museum furnishes a great part of the material needed for illustration and study. Mounted specimens, photographs and dissections prepared in the College are being constantly added.

MUSEUM OF NATURAL HISTORY.

The collections contain 8,500 specimens: 550 of plants, 750 of vertebrata, 3,000 of invertebrata, 2,000 of minerals and 2,100 of minerals, rocks and fossils. The card catalogue of the specimens is well under way.

A number of conchological specimens were added to the collections during the past year, and many objects for instruction in the several courses. Case-room has been provided for a part of these additions.

In addition to the material purchased by the College, the following gifts have been made :

1. Birds' Eggs (Collection of) Mr. Bashford Dean.
2. Birds of State of N. Y. (100 Spec.) . . Mr. Louis A. Zerega.
3. Brush-making Materials Messrs. F. W. Devoe & Co.
4. Butterflies and Moths (500 Spec.) . Mr. H. J. Muller.
5. Conchological Specimens Smithsonian Institution.
6. " " { Mr. Townsend Harris,
 Pres. A. S. Webb,
 Prof. R. O. Doremus.
7. Corals of Florida (Collection of) . . Lieut.-Col. Walter McFarland, U. S. A.
8. Craniological Specimens Smithsonian Institution.
9. Entomological Collection Mr. Bashford Dean.
10. Fishes (500 Spec.), largely South
 American Commissioner E. G. Blackford.
11. Fossils and Reptiles Prof. S. Woolf.
12. Fossils of S. Carolina (Collection of) . Mr. William T. Rodenbach.
13. Grains (Specimens of) New York Produce Exchange.
14. Ichthyosaurus Communis { Pres. Alex. S. Webb,
 Nathaniel Jarvis, Jr.,
 H. R. Remsen,
 Edward Cooper,
 Jackson Steward,
 William Wood,
 David Dudley Field.
15. Leathers (Fancy) Messrs. Tiffany & Co.
16. Linens, Silks, Furs, Cottons " E. J. Denning & Co.
17. Miscellaneous Textile Fabrics " Claflin & Co.
18. Set of Whaling Harpoons (11 Spec.) . Mr. Bashford Dean.
19. S. American Woods (60 Specimens) . Messrs. T. D. & L. Hirsch.
20. Unios of the United States Dr. Isaac Lea, Philadelphia.
21. Vegetable Fibers Mr. J. H. Hollis, Cotton Exchange.
22. Wading Birds (25 Specimens) . . . { Mr. W. H. Chesebrough.
 Game Fishes of Florida }
23. Woods (Foreign and Fancy) Messrs. J. L. Daniels & Co.
24. Woolen Fabrics " Arnold, Constable & Co.
25. Wools " Mangers & Avery.

DESCRIPTIVE GEOMETRY AND DRAWING.

The Sub-Freshman Class is practiced in Drawing in outline from the flat and the round; in surface shading in crayon or pencil, and in elementary perspective. The students draw geometrical forms, architectural and other ornaments of various styles, and the human head.

The Freshman Class is instructed in Descriptive Geometry. No text-book is used ; but the professor's *Elements of Descriptive Geometry* is used as a book of reference. The instructor lectures and demonstrates at the blackboard ; each student solves every problem graphically in his drawing-book. The subject is carried through Sections and Intersections, Tangency and Development, and is applied to carpentry, machinery and architecture. Practice in tinting and in drawing from actual models of machinery is given from time to time. In the second term, the subjects pursued are Shades and Shadows, and Perspective. Shadows are determined in artificial and natural light ; the principles of reflection are taught. Application is made occasionally to mechanical, architectural and artistic drawing.

In the Sophomore year, the students draw from the Cast, either ornaments or organic forms, according to individual ability ; they shade in charcoal, crayon, etc.

The professor delivers to the Senior Class a series of lectures on *Æsthetics*, and the History of Art and the several arts.

In the Mechanical Course the work of the other courses is modified by the introduction of Elementary Mechanical Drawing. Students are required to take notes of lectures and make free-hand sketches in the class-room which are afterwards to be elaborated into finished drawings to a scale. Occasional tasks for home work are likewise given.

In the Sub-Freshman Class one-half the time is devoted to free-hand work similar in character to that of the other collegiate courses. The mechanical drawing for the same period consists of lettering, simple working-drawings, wood joints, journals, rivets, bolts, keys, simple couplings, cranks, etc.

In the Freshman Class three-fourths of the first term and one-half of the second term are given up to the corresponding studies of the other collegiate courses, the balance of the time being employed in the explanation and drawing of connecting-rods, couplings, bearings, pulleys, eccentrics, cross-heads, pistons and some of the other parts of the steam engine.

In the Sophomore Class the entire time is employed in mechanical drawing. The class is required to make finished drawing

in *ink*, in the class-room, and is taught the use of water colors. The subjects taken up are tinting and shading, theoretical curves and their application to gear wheels and the remaining unexplained parts of the steam engine, as the slide valve, etc.

The casts belonging to this department are very fine, most of them having been taken from early moulds. The collection contains many beautiful examples of the Phidian era, the most notable being a large number from the Frieze of the Parthenon, and a few of the best preserved metopes; the heroic statues of Theseus and Cephisus; a caryatid from the Erechtheion. These copies of the Elgin Marbles were given by Charles M. Leupp, Esq. There are, furthermore, the busts of Jupiter from Otricoli, the Venus of Milo, the Venus of Arles, Juno, the Apollo Belvedere, the Belvedere Torso, and examples of the work of Michael Angelo, Cellini and Thorwaldsen.

This department also makes use of a collection of about 275 photographs, the gift of the Class of '75, framed and hung in the halls of the College, illustrating the architecture and sculpture of the Greeks and Romans, early Christian and Renaissance painting in Italy, and a number of the most noted buildings of all European countries. Each print is marked with the name, the date of production and the present location of the subject represented. East Indian architecture is likewise illustrated by a number of photographs lately purchased by the College.

THE LIBRARY.

The Library of the College contains 27,880 volumes. These are distributed as follows:

Theology	844	Spanish Literature	198
Philosophy.....	1,283	Italian “	73
Law.....	440	Latin “	637
Mathematics	421	Greek “	678
Physics.....	2,097	Classical Philology.....	134
Natural History.....	1,196	Literature in General.....	229
Medicine	249	Linguistics.....	765
Science, History of	51	Fine Arts.....	934
History	6,309	Bibliography.....	194
Biography.....	1,764	Works of Reference	642
Voyages and Travels	1,132	Periodicals.....	3,276
English Literature	2,820		
German “	763		
French “	751		
			<hr/>
			27,880

Books may be taken from the Library by the students as well as the instructors; by the Alumni upon a deposit of ten dollars; and by the teachers of the common schools of the city.

The books have been purchased with the money apportioned to the College, while known as the Free Academy, as its share of the Literature Fund of the State; from the income of \$5,000 bequeathed by Mr. Ephraim Holbrook; from the income of \$30,000 bequeathed by Mr. Seth M. Grosvenor; and with money which has at various times been appropriated by the Board of Trustees. Many books have been presented by publishers and others.

THE WORKSHOP.

Connected with the College is a workshop in which instruction is given in mechanical manipulation and the elements of mechanical theory. The shop is a room 118 feet by 35 feet, divided into four nearly equal parts. Of these, the first, the wood-working room, contains fifteen double benches, with closets and tools, for a class of thirty. The second, for forge and vise-work, contains six forges, twenty anvils, two benches with fifteen vises, a bench for moulding, and an assortment of forge and vise tools. It has accommodations for a class of thirty pupils. The third, or lathe room, contains twenty-six speed lathes for wood or metal turning, four engine lathes, a planer, a circular saw, and two testing machines, affording, like the others, accommodations for thirty students. The fourth contains a horizontal steam-engine of 25 horse-power, which drives the lathes and grind-stones, as well as the dynamos which furnish electric currents for experimental purposes and for the illumination of the shops. There is also in an adjoining room, a gas-engine of 8 horse-power to take the place of the steam-engine when less power is required, and also a small vertical steam-engine, so arranged that it may be taken apart by students to allow of the study of its construction.

The Course of Study in the workshop extends over the whole five years of the Mechanical Course, and over such portion of this time as may be found practicable for those students of the other

courses who may elect it. For the complete course, the exercises and studies in the shop are as follows :

First Year—Theory and use of wood-working tools ; properties, defects, treatment and preservation of timbers ; use of testing-machine in the testing of timber.

Second Year—Theory and use of metal-working tools ; properties of metals and modes of working and testing them.

Third Year—Joining metals by riveting, soldering and brazing ; use of the speed lathe ; study of the parts of the steam-engine from drawings, models, descriptions and examination of engine.

Fourth Year—Use of the engine lathe ; screw cutting, boring, turning, facing ; measures of precision ; scraping, finishing and fitting.

Fifth Year—Strength of materials ; proportioning of parts of engines ; managing and testing of engines.

DISCIPLINE.

Every student shall conduct himself according to the rules of good manners, good morals and manly propriety ; shall give punctual and constant attention to all his duties ; shall use the property of the institution with care and economy, and restore the same when required. Violations of the rules of the College and of propriety are visited with punishment, which varies according to the gravity of the offense, from demerit marks and formal admonition to suspension by direction of the President, and dismission by vote of the Faculty. No student is demerited without receiving notice of the fact and the reason. A student who has received 100 demerit marks in one term, or 175 in one academic year, must leave the College.

EXAMINATIONS.

There are two examinations of all the students in all departments each year. The first is held at the close of the first term

in January. It extends over a fortnight, and is really a rapid review of the studies of the term. It is conducted by means of oral recitations, and in accordance with the schedule of recitations pursued during the term. The difference lies mainly in the greater length of the daily lessons and the omission of explanations on the part of the instructor. If, upon the termination of this review, it appears to the Faculty that a student has fallen so far behind as to make it unprofitable for him to attempt to proceed or to make him a drag upon his class, he is not allowed to continue with it. The second examination is held at the close of the second term, in June; it extends over eight working days. It is conducted mainly in writing, so that all the students in the class are examined at the same time and subjected to the same tests. The results of the examination are carefully considered by the Faculty. Those students who have done but indifferently in all or many of the studies, and those who are seriously deficient in several, and it may be in only one, are not advanced. They may, if their parents desire it, devote another year to the same division of the course; but no student is allowed to go over the same grade more than twice.

ALLOWANCE OF MARKS.

1. No student who is absent from any College exercise during the term, except as stated in Rule 3, shall receive any mark for the same until he has given to the President a sufficient explanation of his absence, and to the Instructor satisfactory evidence, *within one week after such absence*, of having performed the duty assigned for the time of his absence.

2. No marks shall be allowed for absence more than twice in any one term, nor for more than five consecutive days of absence in one term, except on a vote of the Faculty in each case.

3. For one day's absence in each term the President may, at his discretion, direct that a student shall be allowed his average mark for the fortnight in which such absence occurred.

4. In the Examination Review, marks may be allowed for

absence of two days, and no more, if the student pass on examination in the work of the days of his absence.

5. A student absent from the Examination for Advancement, for good cause, may be examined subsequently for the purpose of determining whether he shall be advanced or not. But no mark shall be given for such examination. At the close of the student's course, however, the Faculty may, on his application, allow for the examinations from which he was absent the average mark of the student in all the examinations in the same department.

MERIT ROLL.

The Merit Roll is made up immediately after the second examination, and is published once a year. On this roll each student is ranked according to his standing in his class, determined by his merit-marks received for study and conduct during the two terms and at the examinations.

The Merit Roll maximum for each term in any subject is ascertained by multiplying the number of recitations in a week in that subject by one hundred; one-half of this maximum is for the term work, and one-half for the examination.

The maximum of conduct for a term is two hundred, and the conduct mark of each student is determined by deducting from such maximum all his demerit marks.

On the Merit Roll the students are classified Highest, High, Good and Low.

The student who has the greatest number of marks in his class ranks Highest.

Students rank High the total of whose marks, in study and conduct together, equals or exceeds eight-tenths of the maximum.

Students rank Good the total of whose marks equals or exceeds six-tenths of the maximum.

The remaining students rank Low.

A copy of the Merit Roll is sent to the parent or guardian of each student.

COMMENCEMENT.

The Commencement of the College is held on the fortieth Thursday after the opening of the first Term.

COMMENCEMENT HONORS.

1. Not more than six orations and dissertations shall be delivered by the students at Commencement.

2. No oration or dissertation shall occupy more than ten or less than seven minutes in its proper delivery.

3. The orators at Commencement shall be the first six members of the Graduating Class in rank, counting from the beginning of the Freshman year to the close of the Senior year.

4. The Valedictory oration shall be the first honor, and the Salutatory shall be the second; the remaining honorary orations shall be numbered according to the rank of the students.

5. If any of these Honor-men, except the Valedictorian and the Salutatorian, have not received eight-tenths of the maximum in Oratory (Composition and Delivery), during the Senior year, their names shall be entered on the programme, marked Excused, and suitable substitutes, in order of rank, shall be appointed.

6. When the student below the sixth rank is thus appointed his oration shall be entered on the programme as a dissertation. The dissertations shall be numbered according to the rank of the students appointed to deliver them.

*“Extracts from the Minutes of the Faculty of
December 22, 1884.”*

1. On or before the first of April of each year the students of the Senior Class shall hand to the President an original composition, written as a graduation thesis, which shall contain not less than seven hundred words, nor more than nine hundred words, and which shall be examined by the Professor of the English Language and Literature, and marked on a scale of 50.

2. Any student who shall receive less than 60 per cent. shall be rated deficient, and such deficiency shall be counted a defi-

ciency in one of the branches of study in determining the student's graduation.

3. An Honor-man not otherwise disqualified, shall deliver his Graduation thesis on Commencement, if in the opinion of the President and the Professor of the English Language and Literature the merits of the composition warrant public presentation; otherwise the author shall not speak at Commencement, but be marked "Excused" on the programme of Commencement exercises and a suitable substitute shall be provided.

4. No oration shall be delivered at Commencement, unless it have been duly rehearsed before the Professor of the English Language and Literature, or in case the Professor request it, before some other officer of the College, designated by the President. Each oration shall be finally rehearsed at least once in the College Chapel and once in the hall where the commencement exercises are to take place; and no student shall be allowed to speak at the Commencement unless his declamation be satisfactory to the officer before whom he has rehearsed, nor unless he have acquired such command of his oration as to be able to speak it without the aid of a prompter.

MEDALS AND PRIZES.

THE PELL MEDALS.

In 1849, Duncan C. Pell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the student who shall rank highest in all the studies of the year taken together; and in 1856, the donor authorized the trustees of the fund to devote a portion of the income to the provision of a silver medal, to be given to the student who shall rank second.

THE CROMWELL MEDALS.

In 1850, Charles T. Cromwell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the best

scholar in History and Belles-Letters; and in 1856, the donor authorized the provision of a silver medal for the second scholar.

THE WARD MEDALS.

In 1853, Augustus H. Ward, Esq., established twenty bronze medals to be awarded annually, each for one of the studies appointed, to the student of most proficiency therein, provided he shall have regularly pursued such study for not less than two months of the collegiate year then closing; a student gaining one medal not to be precluded from obtaining others at the same time or subsequently.

The subjects are: Chemistry, Natural History, Natural Philosophy, Moral Philosophy, Political Science, English, Greek, Latin, French, Spanish, German, Oratory, Composition, Logic, Astronomy, History, Drawing, Algebra and Geometry, Descriptive Geometry, Botany.

THE RIGGS MEDALS.

In 1864, Elisha Riggs, Esq., by the gift of \$1,000, established a gold medal, to be annually awarded to the author of the best English Prose Composition in the Senior Class, and a gold medal to be awarded to the author of the best English Prose Composition in the Junior Class; any surplus of income to be applied by the Trustees to further, in any way they may think best, the design of the donor to stimulate the cultivation of English Composition in the College of the City of New York. The competition is open to all who have received not less than four-fifths of the maximum in English Composition from the beginning of the Junior year. The names of the competitors must be handed to the President on or before the second Monday in February. The essays must be handed in on the first Monday in June.

THE CLAFLIN MEDALS.

In 1871, John Claflin, Esq., by the gift of \$1,250, established two gold and two silver medals, to be awarded as follows:

A gold medal to the student of the Senior Class who shall

pass the best competitive examination in Greek ; a gold medal to the student of the Junior Class who shall pass the best competitive examination in Latin ; a silver medal to the student of the Freshman Class concerning whom the Professor of Greek shall certify that he has made the greatest proficiency in that department ; and a silver medal to that student of the Freshman Class who shall receive a corresponding certificate from the Professor of Latin.

PRIZES FOR DECLAMATION.

PROSE.

In 1852, the President of the Board of Education offered a prize for excellence in public speaking, to be called the PRIZE OF THE PRESIDENT OF THE BOARD OF EDUCATION ; and the successive Presidents of the Board have continued it.

The six speakers contending for this prize are chosen by their classmates, two from each of the three higher classes. Only such students are eligible as have not received fifty demerit marks during the first term, or twenty-five during the second term preceding the day of the election. They speak selected pieces. The prize is awarded by a committee of gentlemen having no relation to the College and selected by the donor.

THE ROEMER PRIZE.

For thirty-eight years the late Professor Roemer provided anonymously a prize for the best declamation of poetry. In recognition of this fact and in honor of his memory and name, the Roemer prize was established by Messrs. Alex. S. Webb, Adolph Werner, E. Francis Hyde, Wm. L. Bull, Alphonse H. Alker, Chas. E. Lydecker and James M. Donald. The trustees of the fund (of \$300) are the Chairman of the Executive Committee (Mr. C. L. Holt), the President of the Associate Alumni (R. L. Sweezy, Esq.), and Russell Sturgis, Ph.D. The competitors are a Senior, a Junior and a Sophomore, selected from and by their several classes, in the same manner as the competitors for the prize of the President of the Board of Ed-

uation. The declamations are delivered on the same occasion and judged by the same judges.

THE KELLY PRIZES.

In 1868, James Kelly, Esq., by the gift of \$1,000, established two prizes. One prize is given to the best debater in the Literary Societies; three contestants being chosen by the Clionian Society, and three by the Phrenocosmian. The President of the Board of Trustees selects the subject and submits it to the Faculty for approval. The debate is held in the College Chapel during the week preceding Commencement.

The other prize is given to the member of either society who shall write the best critique on some work of English literature. The subject is announced before the Christmas vacation, and the essays must be handed in on the first Monday in June.

The judges of the debate are selected by the President of the Board of Trustees; the judges of the essays are the President of the College, the Professor of History and the Professor of the English Language and Literature.

THE BELDEN PRIZES.

In 1883, William Belden, Esq., by the gift of \$1,000, established prizes for excellence in Pure Mathematics. The nature of the prizes and the terms of their award are to be determined from time to time by the President of the College and the Professor of Pure Mathematics.

At present the following prizes are to be awarded annually on Commencement day, in the Junior and Sophomore Classes:

1. A gold medal to the student in each class of greatest proficiency in the studies of the department during the year. This greatest proficiency is to be determined either from the marks from recitations and on examinations, or by a special competitive examination, as may in each case seem best to the Trustees.

2. A silver medal to any other student, in either class, whose aggregate marks for recitations and on examinations shall reach ninety-five per cent. of the maximum.

THE F. W. DEVOE & CO. PRIZES.

In 1885, Messrs. F. W. Devoe & Co. offered two prizes, each to consist of a set of drawing instruments of the value of twenty-five dollars, for proficiency in the Mechanical Arts. They are to be awarded by a committee, consisting of the President of the College, the Chairman of the Executive Committee of the Board of Trustees, and the Professor of Applied Mathematics, to the student of greatest merit, in the first and second years respectively, of the Workshop Course. Students of the Classical and Scientific Courses may compete. The merits of the competitors are to be judged by the excellence and quickness of their work, and by the improvement made by them during the year.

THE KETCHUM PRIZES.

In May, 1891, Alexander P. Ketchum, Esq., put into the hands of a committee, composed of the Chairman of the Board of Trustees, the President of the College, and the Professor of Moral and Intellectual Philosophy, a sum of money sufficient to secure to the Department of Philosophy funds to provide annually four prizes, to be awarded to those students of the Senior and Junior Classes giving the best written evidence of proficiency in Philosophy and Political Economy at the June Examinations in those subjects.

THE BENNETT PRIZE IN POLITICAL SCIENCE.

Mr. James Gordon Bennett, on May 11, 1893, offered \$1,000 to the Trustees of the College for the endowment of an annual prize under the following terms:

"The amount to be invested and kept invested, and the income thereof, or a medal of equal value, to be given annually upon Commencement Day to the undergraduate member of the Senior Class who shall have taken the prescribed course of the institution in Political Science and English Literature, and who shall have prepared the best essay in English prose upon some subject of American governmental domestic or foreign policy of contemporaneous interest.

“The subjects to be selected and announced, the rules of competition formulated and the decision rendered by the Faculty of the College.”

Mr. Bennett's gift having been accepted by the Trustees in behalf of the College, a prize will be awarded in 1894.

CLASSICAL SCHOLARSHIPS.

This College being, through the action of its officers and Alumni, associated with eighteen of the leading universities and colleges in the United States, in support of the American School of Classical Studies at Athens, the School is open to any properly qualified graduate of this College. Those desiring to avail themselves of this privilege should apply to the Professor of Greek for information and a certificate of scholarship.

DEGREES.

The degree of *Bachelor of Arts* is conferred on those students who have completed the Classical Course; that of *Bachelor of Sciences* on those who have completed either of the Scientific courses.

The Faculty recommends no student for a degree whose average standing in the studies of the Senior year has fallen below six-tenths of the maximum. Every member of the graduating class is required to write a composition for oral delivery, to be sent in four weeks before Commencement.

A Bachelor of Arts or of Sciences may be recommended for the degree of Master of Arts or of Sciences, on the following conditions:

1. He shall, at the date of the Commencement at which the degree is to be conferred, have been graduated at least three years.

2. He shall have been engaged for at least two years in the study of some literary or scientific subject, and shall furnish, as evidence of such study, either the diploma of the college or school which he has attended, or a detailed statement of the subjects and books which he has studied.

3. He shall present to the Faculty, at least six weeks before the Commencement, a thesis, satisfactory both in matter and style, on some subject connected with his studies, accompanied by a declaration that such thesis is his own work.

THE ASSOCIATE ALUMNI.

The College has graduated in forty-one classes, from 1853 to 1893, 1,573 men, of whom about 1,300 are living. These are associated under the name of "The Associate Alumni of the College of the City of New York." The annual meeting is held on the day after the Commencement, at the College building. The officers for the present year are :

<i>President</i>	RICHARD LELAND SWEETZ, '74.
<i>Vice-President</i>	CHAS. E. LYDECKER, '71.
<i>Secretary</i>	JOHN WELDON, JR., '61.
<i>Treasurer</i>	SAMUEL A. TUSKA, '84.
<i>Historian</i>	JOHN SHERMAN BATTELL, '73.

STUDENTS' AID FUND.

In 1857, the Associate Alumni established a fund for the purpose of assisting such students as might otherwise find difficulty in completing their collegiate course. This fund is maintained by contributions from the Alumni. The management of the fund is committed to five trustees, who loan, without interest, such sums as they think proper to deserving students; and neither the names of those to whom the loans are made, nor the amounts of the loans, are known to any but the trustees and the auditors of the fund.

The following are the present trustees, to whom application may be made :

JOHN HARDY, '53.....	265 Broadway.
ALFRED G. COMPTON, '53.....	At the College.
CHARLES L. HOLT, '53	188 Front Street.
EVERETT P. WHEELER, '56.....	45 William Street.
JOHN R. SIM, '68	At the College.

LITERARY SOCIETIES.

Two Literary Societies, the Clionian and the Phrenocosmian, are connected with the College. They are devoted to the cultivation of the arts of composition, oratory and debate and the promotion of friendly intercourse between students.

Weekly meetings are held during the collegiate year. The exercises consist of the reading of an essay and a selection, the delivery of a declamation or an oration, and the debate of a question previously appointed. A magazine is also read at intervals, to which the members contribute, anonymously, articles of a lighter nature than the essays. The Clionian library, containing many valuable books, and the Phrenocosmian reading-room, where may be found the leading magazines and periodicals of the day, are in two of the side rooms of the Chapel, and are open to the members every afternoon of the College week.

COMMENCEMENT.

JUNE 22, 1893.

The following award of Medals and Prizes was made according to the terms and conditions heretofore mentioned :

THE PELL MEDALS.

First, Gold.....	JESSE W. EHRICH.....	Junior.
Second, Silver.....	CHARLES DERLETH.....	Junior.

THE CROMWELL MEDALS.

SOPHOMORE CLASS.

First, Gold.....	MARTIN WECHSLER.
Second, Certificate.....	ARTHUR K. KUHN.
Third, Certificate.....	HARRY C. KROWL.

A certificate of equal merit with H. C. KROWL to EVERETT B. HEYMANN.

THE WARD MEDALS.

Chemistry.....	GILMAN S. STANTON.....	Senior.
Natural History.....	GILMAN S. STANTON.....	Senior.
Natural Philosophy.....	M. S. LEVUSSOVE..	Senior.
Logic.....	MAURICE B. LEWIS.....	Sophomore.

Political Science.....	JESSE W. EHRLICH.....	Junior.
English.....	JESSE W. EHRLICH.....	Junior.
Greek.....	CHAS. A. HAFNER.....	Senior.
Latin.....	CHAS. A. HAFNER.....	Senior.
French.....	ALFRED WEIL.....	Sophomore.
Spanish.....	HENRY STOCK, JR.....	Senior.
German.....	OSWALD SCHLOCKOW.....	Junior.
Oratory.....	FRED. F. NEUMAN.....	Junior.
Composition.....	MOSES S. LEVUSOVE.....	Senior.
Moral Philosophy.....	EDGAR J. KOHLER.....	Senior.
Astronomy.....	M. S. LEVUSOVE.....	Senior.
History.....	MARTIN WECHSLER.....	Sophomore.
Drawing.....	F. C. SULLIVAN.....	Sophomore.
Algebra and Geometry...	A. B. SALANT.....	Sub-Freshman.
Descriptive Geometry...	IGNATIUS O'REARDON.....	Freshman.
Botany.....	ALFRED COMPTON.....	Sub-Freshman.

Certificates of equal merit with those who received the medals, were awarded as follows:

Drawing.....	JAS. S. LIEBLING.....	Sophomore.
Algebra and Geometry..	{ SIMON T. STERN..... } { UPTON B. SINCLAIR, JR. }	Sub-Freshman. Sub-Freshman.

THE RIGGS MEDALS.

SENIOR CLASS.

SUBJECT: "The relative influence of the statesmanship of Jefferson and Hamilton on our American political system."

JOHN DEARLING HANEY.

Honorable Mention.....EMANUEL JACOBUS.

JUNIOR CLASS.

SUBJECT: "The propriety of further annexation of territory to the United States."

BERNARD NAUMBERG.

Honorable Mention..... BENJ. G. PASKUSZ.

THE CLAFLIN MEDALS.

SENIOR CLASS—Greek.

H. SEYMOUR EISMAN.

JUNIOR CLASS—Latin.

JESSE W. EHRLICH.

FRESHMAN CLASS.

Greek.....	HERBERT A. KNOX.
Latin.....	SAMUEL BARIT.
Certificate of Equal Merit.....	E. W. SCHERR, JR.

THE PRIZES OF THE PRESIDENT OF THE BOARD OF EDUCATION.

Prose Declamation.....	ALFRED J. GILCHRIST.	Sophomore.
Poetry Declamation.....	LOUIS LEVY.....	Senior.
Judges' Prize.....	FRED. F. NEUMAN.....	Senior.

THE KELLY PRIZES.

FOR THE BEST DEBATE. SUBJECT: "Would the acquisition of Canada be beneficial to the United States?"

LOUIS LEVY.....Senior.....Of the Clonian Society.

FOR THE BEST CRITIQUE. SUBJECT: "The Genius of Whittier."

E. J. KOHLER.....Senior.... .. Of the Phrenocosmian Society.

THE BELDEN MEDALS.

JUNIOR CLASS.

First, Gold Medal.....	CHAS. DERLETH, JR.
Second, Silver Medal.....	OSWALD SCHLOCKOW.
Third, Silver Medal	WM. F. KURZ.

SOPHOMORE CLASS.

First, Gold.....	E. B. HEYMANN.
Second, Silver.....	H. C. KROWL.
Third, Silver.....	C. GALICENSTEIN.
Fourth, Silver.....	RUDOLPH TOMBO, JR.
Fifth, Silver.....	HENRY I. LURYE.

THE F. W. DEVOE PRIZES.

Wood-working....	ROBT. S. HAIGHT	Sub-Freshman.
Metal-working	GEO. W. VREELAND.....	Freshman.
Certificate.....	ALLEN G. NEWMAN.....	Freshman.

THE KETCHUM PRIZES.

SENIOR CLASS—HISTORY OF PHILOSOPHY.

First Prize—Equal merit.	{ E. J. KOHLER.
	{ R. W. THOMPSON.

JUNIOR CLASS—POLITICAL ECONOMY.

First Prize.....	BRADNEY B. GRIFFIN.
Second Prize ...	JESSE W. EHRLICH.

HONORS.

The honors at Commencement were :

First (Valedictorian).....	EDWARD CORNELL ZABRISKIE.
Second (Salutatorian).....	MOSES S. LEVUSSOVE.
Third.....	JOHN DEARLING HANEY.
Fourth.	WALTER TIMME.
Fifth.....	WILLIAM A. DALTON.
Sixth.....	SOLOMON HYMAN.

Honorable mention is made of LOUIS ZINKE, H. SEYMOUR EISMAN, FITZ-HENRY FAY TUCKER, CHARLES HAFFNER, CHARLES HENRY SCHUM, HORACE M. GRAFF, LOUIS ECKERT, DEAN EMERY and ROBERT W. THOMPSON, JR., for having obtained over eighty-five per cent. of the maximum of marks from the beginning of the Freshman year to the end of the Senior year.

DEGREES CONFERRED.

DOCTOR OF PHILOSOPHY.

STURGIS, RUSSELL, A.M., '56.

MASTER OF ARTS.

SCHUYLER, LIVINGSTON, A.B., '89.

MASTER OF SCIENCES.

HOFMANN, FERDINAND FLORENZ, B.S., '85.

KOHLER, MAX JAMES, B.S., A.M., LL.B., '90.

PARMLY, CHARLES HOWARD, B.S., E.E., '88.

PEDERSEN, FREDERICK MALLING, B.S., E.E., '89.

SALTER, GEORGE FERRY, B.S., '88.

BACHELOR OF ARTS.

AUSTIN, BERKELEY C.

COHN, SOLOMON.

DALY, WILLIAM H.

EISMAN, H. SEYMOUR.

ERDMAN, WILLIAM.

FISCHER, JOSEPH.

FLYNN, HENRY S. J.

GRAFF, HORACE M.

GREEN, CHARLES.

HAFFNER, CHARLES A.

HELSELBACH, CHARLES V.

KATZ, MAURICE J.

KINKELDEY, CARL W.

KOHLER, EDGAR J.

LEVY, LOUIS.

LEWIS, MILTON S.

MAYER, HENRY WILLIAM.

RUHL, HENRY CLAY.

SCHUTZ, SAMUEL M.
SMITH, FREDERICK L.
STEINBERGER, VICTOR.
TENNER, ARTHUR S.

THOMPSON, ROBERT WILLIAM, JR.
ULFELDER, SIDNEY.
WEINHANDLER, SAMPSON H.
ZINKE, LOUIS.

BACHELOR OF SCIENCES.

ANSBACHER, SAMUEL L.
BECKER, HUBERT.
BENOLIEL, SOLOMON D.
BLUMENSOHN, HENRY J.
BRETZFELDER, ISAAC.
BRICKNER, WALTER M.
DALTON, WILLIAM A.
ECKERT, LOUIS.
EMERY, DEAN.
FISCHER, EDWIN PHILIP.
FRIEDMANN, HERMANN GEORGE.
GOLDHAMMER, ADOLPH.
HALLER, EDWIN A. F.
HANAY, JOHN DEARLING.
HILLEBRANDT, OSCAR VON.
HOLDEN, EDWIN C.
HYMAN, SOLOMON.
JACOBUS, EMANUEL.
LEVIN, HENRY M.
LEVUSSOVE, MOSES S.

McNALLY, EDWARD J.
MARTIN, GEORGE K.
MOORE, FREDERICK W.
NEUS, ENGELBERT.
REYNOLDS, JAMES J.
SCHMUCK, PETER.
SCHNEPEL, JOHN HENRY.
SCHNURER, BERTHOLD.
SCHUM, CHARLES H.
SEUFERT, WILLIAM MARSHALL.
SHILANSKY, MICHAEL.
SHOENFELD, LEONARD B.
STANTON, GILMAN SHATTUCK.
STERN, ARTHUR.
STOCK, HENRY, JR.
TIMME, WALTER.
TUCKER, FITZ-HENRY FAY.
URBAN, ADOLPH, JR.
WHITE, JOHN, JR.
ZABRISKIE, EDWARD CORNELL.

COLLEGIATE CALENDAR.

1893-1894.

1893.

- Sept. 14. Thursday.—Commencement of First Term.
 Nov. 7. Tuesday.—Election Day.
 Nov. 30. Thursday.—Thanksgiving Day.
 Dec. 23. Saturday.—

} WINTER VACATION.

1894.

- Jan. 2. Tuesday.—
 Jan. 12. Friday.—End of First Term.
 Jan. 15. Monday.—Review Examination commences.
 Jan. 26. Friday.—Review Examination ends.
 Jan. 29. Monday.—Commencement of Second Term.
 Feb. 22. Thursday.—Washington's Birthday.
 March 23. Friday.—Good Friday.
 April 28. Saturday.—
 May 5. Saturday.—
 May 23. Wednesday.—End of Second Term.
 May 24, 25, 28.—Examination for Admission.
 May 30. Wednesday.—Memorial Day.
 June 1 to 12.—Examination for Advancement.
 June 15. Friday.—Kelly Debate.
 June 18. Monday.—Prize Speaking.
 June 21. Thursday.—Commencement.
 June 22. Friday.—
 Sept. 12. Wednesday.—
 Sept. 13. Thursday.—Commencement of First Term.

BOARD OF TRUSTEES.

NAME.	RESIDENCE.	PLACE OF BUSINESS.
Bell, Edward.....	321 Lexington Avenue.....	58 William Street.
Beneville, Emile, LL.B.....	414 East 116th Street.....	140 Nassau Street.
Coleman, James S.....	38 East 69th Street.....	16 Exchange Place.
Gerard, James W., LL.D....	17 Gramercy Park.....	54 William Street.
Goulden, Jos. A.....	2433 Creston Avenue.....	239 Broadway.
Guggenheimer, Randolph ...	16 East 81st Street	46 Wall Street.
Harris, R. Duncan.....	117 East 34th Street.....	35 William Street.
Holt, Charles L.....	117 West 130th Street	188 Front Street.
Hubbell, Charles B.....	143 West 64th Street.....	2 Wall Street.
Hunt, John L. N., LL.D....	207 West 69 Street	137 Broadway.
Knox, Charles H.....	757 Madison Avenue.....	54 William Street.
Livingston, Geo.....	358 West 23d Street.....	435 Broadway.
Maclay, Robert.....	50 West 57th Street.	432 Canal Street.
McBarron, James W.....	283 East Broadway.....	283 East Broadway.
Moriarty, Thaddeus.....	39 West 130th Street.....	209 Park Row.
O'Brien, Miles M., LL.D....	135 West 71st Street.....	224 Church Street.
Rogers, Henry A.....	347 West 57th Street.....	19 John Street.
Sanger, Adolph L., LL.M....	50 East 63d Street	115 Broadway.
Strauss, Charles.....	137 West 95th Street.....	237 Broadway.
Van Arsdale, Wm. J.....	110 Bank Street.	
Webb, Alexander S., LL.D ..	15 Lexington Avenue	College.
Wehrum, Chas. C.....	315 East 20th Street.	
Arthur McMullin, A.M., Secretary ; office, Hall of the Board of Education.		
Edward E. Van Saun, Assistant Secretary ; office, Hall of the Board of Education.		

OFFICERS OF THE COLLEGE.

Augé, Georges L.....	Tutor.....	270 West 43d Street.
Baralt, Luis A.....	Instructor.....	250 West 55th Street.
Bliss, Henry E.....	Dep'y Libra'n.....	New Rochelle, N. Y.
Bruckner, Arthur.....	Tutor.....	523 East 83d Street.
Burke, Edmund.....	Tutor.....	156 East 48th Street.
Carr, Henry S.....	Tutor.....	133 Manhattan Avenue.
Compton, Alfred G.....	Professor.....	40 West 126th Street.
Constant, Stanislas C.....	Tutor.....	142 East 48th Street.
De Groatd, James H.....	Tutor.....	288 Summit Ave., Jersey City.
Doremus, Charles A.....	Tutor.....	59 West 51st Street.
Doremus, R. Ogden.....	Professor.....	241 Madison Avenue.
Downer, Charles A.....	Tutor.....	111 West 130th Street.
Fabregou, Casimir.....	Professor.....	111 West 130th Street.
Fennebresque, Louis.....	Tutor.....	1685 Morris Avenue.
Fox, William.....	Tutor.....	West New Brighton, S. I.
Friedburg, L. Heinrich.....	Tutor.....	384 Monroe Street, Brooklyn.
Hanaway, Samuel.....	Tutor.....	446 East 84th Street.
Herbermann, Charles G.....	Professor.....	223 West 25th Street.
Houston, Robert.....	Instructor.....	216 West 15th Street.
Hunt, Leigh H.....	Tutor.....	Flushing, L. I.
Ilgén, Ernest.....	Tutor.....	369 Herkimer Street, Brooklyn.
Johnston, Henry P.....	Professor.....	37 East 50th Street.
Kost, Henry G.....	Tutor.....	69 East 93d Street.
Legras, Gustave.....	Tutor.....	44 East 79th Street.
Lippincott, Harold E.....	Tutor.....	230 West 76th Street.
Mandel, John A.....	Tutor.....	Astoria, L. I.
Mason, James Weir.....	Professor.....	32 West 129th Street.
Mayell, Henry.....	Secretary.....	17 Lexington Avenue.
McGuckin, William G.....	Tutor.....	126 West 129th Street.
McNulty, John J.....	Tutor.....	58 Morton Street.
Meighan, Howard S.....	Tutor.....	38 West 61st Street.
Mott, Lewis F.....	Tutor.....	367 West 19th Street.
Newcomb, George B.....	Professor.....	256 West 57th Street.
Nordby, Conrad H.....	Tutor.....	30 West 132d Street.
O'Brien, Walter.....	Tutor.....	304 Clinton Street, Brooklyn.
Parmly, C. Howard.....	Tutor.....	344 West 29th Street.
Perham, Frederick E.....	Tutor.....	Yonkers, N. Y.
Perrin, Ernest N.....	Tutor.....	138 West 129th Street.
Remy, Arthur F. J.....	Tutor.....	415 St. Nicholas Avenue.
Reynolds, Frederick G.....	Tutor.....	140 West 132d Street.
Rupp, August.....	Tutor.....	320 East 30th Street.
Scott, David B.....	Professor.....	112 West 122d Street.
Sickels, Ivin.....	Tutor.....	353 New York Ave., Jersey City.
Sigel, Franz, Jr.....	Tutor.....	563 Mott Avenue.
Sim, John R.....	Tutor.....	New Rochelle, N. Y.
Smith, Calvin R.....	Tutor.....	293 Decatur Street, Brooklyn.
Smith, Robert F.....	Tutor.....	287 West Fourth Street.
Stratford, William.....	Professor.....	245 West 52d Street.
Timme, Walter.....	Tutor.....	2 Riverview Terrace.
Tisdall, Fitz Gerald.....	Professor.....	Woodbridge, N. J.
Toher, James.....	Assistant.....	2651 Eighth Avenue.
Webb, Alexander S.....	President.....	15 Lexington Avenue.
Werner, Adolph.....	Professor.....	339 West 29th Street.
Woolf, Solomon.....	Professor.....	261 West 134th Street.
Bonney, Michael F.....	Janitor.....	College Building.
Reed, James.....	Engineer.....	College Building.

SCHEDULE OF ASSIGNMENTS OF CLASS-ROOM INSTRUCTION.

		Room.	MONDAY.						TUESDAY.						WEDNESDAY.						THURSDAY.						FRIDAY.					
			1	2	3	4	5	WORK-SHOP.	1	2	3	4	5	WORK-SHOP.	1	2	3	4	5	WORK-SHOP.	1	2	3	4	5	WORK-SHOP.	1	2	3	4	5	WORK-SHOP.
Prof.	Doremus	Lecture.	Sr	J ⁴	J ³	Jr ^{2a}		4, 10 11, 12	J ³	Sr ^{2a}	J ⁴		1, 2 3, 4	J ⁴		3, 13 14, 16	J ³		2, 5 11, 14	Sr ^{2a}		4, 6 10, 15	J ³		2, 8 11, 16	Sr ^{2a}	J ³	Sr ^{2a}	13, 9 14, 13			
"	Werner	17	J ^{3, 4, 5}	J ^{1, 2}	Sr ^{5a}	Sr ^{5a}		J ^{1, 2}	J ^{3, 4, 5}	Sr ^{1b}	J ²		J ²	J ¹	Sr ^{1b}	J ^{1, 2}		J ²	Sr ^{1b}	Sr ^{5a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴					
"	Compton	15	J ¹	Sr ^{1b}	Sr ^{5a}	Sr ^{5a}		J ¹	J ¹	J ²	J ²		J ²	J ¹	Sr ^{1b}	J ^{1, 2}		J ²	Sr ^{1b}	Sr ^{5a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴					
"	Herbermann	12	J ¹	Sr ^{1b}	Sr ^{5a}	Sr ^{5a}		J ¹	J ¹	J ²	J ²		J ²	J ¹	Sr ^{1b}	J ^{1, 2}		J ²	Sr ^{1b}	Sr ^{5a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴					
"	Scott	19	F ¹	J ³	S ³	S ⁴		J ⁵	S ³	J ²	J ²		J ²	J ¹	Sr ^{1b}	J ^{1, 2}		J ²	Sr ^{1b}	Sr ^{5a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴					
"	Woolf	Drawing.	S ⁶	S ⁵	S ³	S ⁴		S ⁶	S ³	J ²	J ²		S ²	S ⁵	S ⁴	J ^{1, 2}		J ²	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Newcomb	22	Sr ^{1a, 2}	J ^{1, 2}	Sr ^{1b}	Sr ^{1b}		Sr ^{1a, 2a}	J ²	J ³	J ³		Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹		J ²	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Tisdall	6	J ²	S ¹	S ²	S ²		S ¹	S ²	J ¹	Sr ^{1c}		J ¹	Sr ^{1c}	S ²	J ¹		J ²	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Mason	21	S ¹	J ⁵	S ⁴	S ⁷		J ⁴	S ³	S ⁵	S ⁶		S ⁴	J ²	J ³	S ⁶		J ²	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Johnston	9	S ³	S ⁴	S ⁷	S ⁷		S ³	S ⁵	S ⁶	S ¹		S ⁴	J ²	J ³	S ⁶		J ²	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Stratford	N. H. Hall.	F ⁶	F ⁵	F ³			F ³	Sr ^{1a, 2a}	F ²	S ²		J ⁴	J ²	J ²	Sr ^{1a, 2a}		F ³	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
"	Fabregon	8		8	S ⁵	Sr ^{1a}			8	Sr ^{1a}	S ²			Sr ^{1a}	8	S ⁵		F ³	Sr ^{1b, 2b}	J ³	Sr ^{1a, 2a}	J ¹			Sr ^{2a}	J ³	Sr ^{2a}	J ⁴				
Tutor	McGuekin	10	F ⁷	F ⁹		F ¹		F ⁵	F ¹	F ⁹	F ⁴			F ⁵	F ³	F ⁷		F ¹	F ⁷	F ⁹	F ³			F ¹	F ³	F ⁹	F ¹					
"	Sim	20	S ³	F ³	1				S ⁴	F ³	1			F ³	S ⁴	1		F ³	F ³	F ⁹	F ³				F ³	F ⁹	F ¹					
"	Hunt	13	F ³	F ⁷	F ⁵	F ⁴		F ²	F ⁷	F ⁴	F ³			F ⁵	F ²	F ¹		F ³	F ³	F ⁹	F ³				F ³	F ⁹	F ¹					
"	Siekels	N. H. Hall.	6	2	10	9		7	6	1	8			9	10	3		1	3	3	5				4	2	5	7				
"	Smith	14	1	5	7	4			1	2	7			4	5	6		4	6	1	7				5	6	2					
"	Doremus	Laboratory.	S ²	S ²	S ⁶	S ⁶		Sr ^{1b, 2b}	Sr ^{1b, 2b}	J ⁴	J ¹		J ⁵	S ¹	S ¹	Sr ^{1a, 2a}		Sr ^{1a, 2a}	9	S ^{4, 5}	S ^{4, 5}			J ²	S ^{4, 7}	S ^{4, 7}						
"	Legras	F	9			S ⁵	F ⁹		9	F ⁹	S ⁷	S ⁵		S ⁶	9	S ⁵		S ⁴	F ⁹	F ⁹	9			J ²	S ^{4, 7}	S ^{4, 7}						
"	Mott	18	S ⁵	S ⁶	S ⁷	S ¹		S ⁵	S ¹	S ⁴	S ⁷			S ⁵	S ⁶	S ⁴		S ⁴	S ⁷	S ⁷	S ⁴			J ²	S ^{4, 7}	S ^{4, 7}						
"	Rupp	8	F ²	F ⁴	S ¹	1		1	F ³	S ²	S ³			S ¹	1	F ²	F ⁴		S ³	1	F ²	F ⁴			J ²	S ^{4, 7}	S ^{4, 7}					
"	Baralt	Chapel.	S ⁴	J ⁴		Sr ^{2b}		S ⁴	F ¹⁰	S ^{2b}	J ⁴			J ⁴	F ^{3b}	F		J ⁴	Sr ^{2b}	F ³	F ⁶			J ²	S ^{4, 7}	S ^{4, 7}						
"	Kost	11	S ⁴		F ¹⁰	F ⁷		S ⁴	F ¹⁰	F ⁵	F ⁵			F ⁹	F ⁷	F ⁶		F ⁹	F ⁷	F ⁶	F ⁹			J ²	S ^{4, 7}	S ^{4, 7}						
"	Ilgen	T	S ⁷	J ⁵	4			S ²		4	J ⁵			S ⁷	S ²	S ⁶	J ⁵		S ⁶	S ⁷	S ²	J ⁵			J ²	S ^{4, 7}	S ^{4, 7}					
"	Friedburg	Laboratory.	Instructor and Assistant in Department of Chemistry and Physics.																													
"	Mandel	Leeture.	Instructor and Assistant in Department of Chemistry and Physics.																													
"	Fox	3	F ⁸	S ⁷	12	F ⁹		F ⁹	S ⁷	F ⁸	F ¹⁰			F ¹⁰	S ⁷	12			F ⁹	F ¹⁰	F ⁸	12			F ¹⁰	F ⁸	F ⁹	6				
"	Parmly	E	F ⁴	F ⁶	6	F ²		F ⁴	F ⁶	6	F ²			6	F ⁴	F ⁶	F ²		6	F ⁴	F ⁶	F ²			F ¹⁰	F ⁸	F ⁹	14	3			
"	O'Brien	5	11	10	9	3		F ⁶	9	3		14		14	F ⁶	11	10		11	F ⁶	11	10			F ¹⁰	F ⁸	F ⁹	14	10			
"	Perham	Z	7	13	F ²	2		2	F ⁵	12		13		F ⁴	13	7		12		F ³	12	2			F ¹⁰	F ⁸	F ⁹	14	10			
"	Constant	R	F ¹⁰	F ⁸	F ⁶	F ⁵			S ⁶	F ⁷	F ⁶	F ⁸		F ⁶	F ¹⁰	F ⁷	F ⁵		F ⁵	S ⁴	S ⁶	F ⁸			F ¹⁰	F ⁸	F ⁹	14	10			
"	Fennebresque	7	13	9		12			13	9	12			12		9	13		12	13	9				J ¹	J ⁵	S ⁵	F ⁸				
"	McNulty	M		S ⁴	J ⁴	F ⁸		F ⁸		J ⁵	S ⁶			J ⁵		S ²			S ¹	J ⁴		S ³	F ⁸		J ¹	J ⁵	S ⁵	F ⁸				
"	Downer	Y	15	6	F ⁹	14		6		14	F ⁹	15		15	F ⁹	6	14		15	6	14			F ¹⁰		15	6	14				
"	Perrin	G	3	15	5	8		5	3	8	16			5	16	9	15		9	3	16			F ¹⁰		15	6	14				
"	Remy	4	4	F ²	F ⁴	F ³		F ¹	F ⁴	S ³	4			S ³	F ³	4	F ¹		F ²	4	F ¹			S ³	F ²	4	F ³					
"	Meighan	N. H. Hall.		F ¹⁰	F ¹	F ⁶	F ⁸	F ¹	F ⁷	F ²	F ⁶	F ¹⁰		F ²	F ⁸	F ⁴		F ⁶	F ⁸	F ⁷	F ¹⁰			F ¹	F ⁴	3	7					
"	Reynolds	A	F ⁵		3	7	F ¹⁰	F ¹⁰	7	F ⁵	3			3	7	F ⁵	F ¹⁰		F ¹⁰	F ⁵	7	3			F ⁵	3	7					
"	Lippincott	H	2	11	14	13		13	14	11	2			13	2	14		11		2	14	13			14	11	13	2				
"	Burke	X	5	3	2			3	2	5	F ¹			F ¹	3	2		5		F ¹	3	2			14	11	13	2				
"	Carr	B	12	F ¹	F ⁷	5			5	F ¹	F ⁷	12		F ⁷	F ¹	5	12		F ¹	5	12	F ⁷			12	F ¹	F ⁷	5				
"	Hanaway	C		4	15	10		15	4	10				10	4	15		15	4	10					10		15	4				
"	Sigel	K	8	1	13	16			15	13	11	16		11	8		15		8	16	13	11			16		15	4				
"	Augé	Chapel.	10	7	16	11		16	11	7	10			16	11	10	7		10	7	11			16		15	4					
"	Nordby	O	16	14	8	6		8	10	16	14			6	16	8		16	14	10	8			S ^{7, J⁵}	F ⁹	F ¹⁰	F ⁸					
"	De Groat	Workshop.	F ⁹		F ⁸	F ¹⁰	S ⁷	S ⁷	F ⁸	F ¹⁰			F ^{9, J⁵}	F ⁹	F ^{10, S⁷}	F ⁸	J ⁵		F ⁸	F ⁹	F ¹⁰											
"	Bruekner	Workshop.	14	12, 16	11	15		14	12, 16	15	13			15, 12	14	13	11		13	11	15	16										
"	Smith		14	12, 16	11	15		14	12, 16	15	13			15, 12	14	13	11		13	11	15	16										
"	Timme		Temporary Tutor in Mathematics.																													

STUDENTS.

SENIOR CLASS.

Barrett, Sidney H.,	219 West 132d Street.
Beaubiau, Charles S.,	1343 Broadway.
Beckhardt, Moses,	138th Street and Amsterdam Avenue.
Brandeis, Julian W.,	113 East 122d Street.
Cahn, Emanuel S.,	161 East 79th Street.
Clarke, Alfred Bancroft,	206 East 20th Street.
Crooker, Fred. F.,	124 East 59th Street.
Derleth, Charles, Jr.,	674 East 135th Street.
Dewey, J. A.,	2370 First Avenue.
Donohue, Thomas Martin,	1240 Franklin Avenue.
Douglas, John,	145 West 81st Street.
Ehrich, Jesse W.,	54 West 75th Street.
Eising, Eugene H.,	6 East 66th Street.
Fox, David Joseph,	127 East 79th Street.
Frank, Jerome,	112 East 79th Street.
Freund, Charles J.,	138th Street and Amsterdam Avenue.
Frey, Louis Joseph,	1879 Madison Avenue.
Friesner, Isidore,	206 East 58th Street.
Gage, Stanley A.,	341 West 54th Street.
Geyer, Harold Carl,	78 Second Street.
Gold, William,	19 Carmine Street.
Goldrich, Leon W.,	27 Prince Street.
Green, Leo,	826 Lexington Avenue.
Greenbaum, Samuel W.,	428 East 122d Street.
Griffin, Bradney Beverly,	2058 Vanderbilt Avenue.
Haas, Arthur C.,	1763 Madison Avenue.
Haas, Leopold Frederick William,	105 East 75th Street.
Hartmann, Edward Max Martin,	1391 Washington Avenue.
Herzog, Harry Louis,	127 East 72d Street.
Heylman, Henry B.,	561 Buckhout St., Mt. Hope, Tremont.

Hirsh, William H.,	265 West 21st Street.
Hyman, Julius,	419 East 85th Street.
Klein, Leo U.,	132 East 94th Street.
Knowles, Frank T.,	182 East 64th Street.
Kurtz, Lionel,	2149 Seventh Avenue.
Kurz, William F., Jr.,	116 Second Street.
Laski, Leon,	271 West 36th Street.
Lefkowitz, David,	138th Street and Amsterdam Avenue.
Levy, Samuel,	742 Third Avenue.
McCormack, Richard F.,	39 Bedford Street.
Martin, E. J. F.,	436 Lenox Avenue.
Marks, Charles Edwin,	51 East 67th Street.
Meyer, Leo B.,	2069 Madison Avenue.
Michaelis, Alfred,	53 St. Mark's Place.
Naumburg, Bernard,	124 West 64th Street.
O'Neill, Charles E.,	231 Centre Street.
Oppenheimer, Milton B.,	1037 Fifth Avenue.
Paskusz, Benj. G.,	242 East 72d Street.
Pick, Louis,	446 East 79th Street.
Rosenbaum, Alexander,	204 West 41st Street.
Rosenstein, Walter J.,	33 East 63d Street.
Rourke, Cornelius Stephen,	201 East 71st Street.
Rundquist, Emil A.,	St. Luke's Hospital, 17 West 54th St.
Savage, José Ramon Fernandez,	344 West 123d Street.
Schlockow, Oswald,	154 Avenue C.
Silberstein, Elias,	218 East 70th Street.
Strasburger, Edgar,	240 West 24th Street.
Walsh, Michael Raphael,	331 East 42d Street.
Weschler, J. C.,	240 East 30th Street.
Wiener, Frederick,	1003 Madison Avenue.

JUNIOR CLASS.

Adler, Maximillian L.,	246 East Broadway.
Allen, William Cremer,	326 West 36th Street.
Anderson, Arthur C.,	74 Fifth Avenue.
Appel, Israel,	391 Grand Street.
Ballin, Nathan,	1283 Columbus Avenue.
Bliss, Franklin,	722 St. Nicholas Avenue.
Bloomberg, Harry A.,	141 East 56th Street.
Boyer, Wilbur Sarles,	321 West 85th Street.
Burke, John James,	156 East 48th Street.
Cairns, Bayard Snowden,	40 Grove Street.
Cameron, Walter S.,	730 Ninth Avenue.
Curtis, Harry J. A.,	142 East 36th Street.

Davidson, Israel,
 Deignan, J. Herbert,
 Dillenberg, Joseph,
 Dryfoos, Arthur D.,
 Ehrhorn, Oscar Weeks,
 Eisner, Jerome,
 Elias, Herman,
 Ewen, John,
 Feltenstein, Moses,
 Finesilver, Louis,
 Fisher, Henry,
 Flaum, Julius Arthur,
 Friedman, Joseph P.,
 Galicenstein, Clarence,
 Goldberg, Louis A.,
 Goodman, Max,
 Greenberger, Otto A.,
 Guion, Clarence Childs,
 Helmer, N. Arthur,
 Heymann, Everett Bernard,
 Hirsch, I. Henry,
 Hlavac, Joseph,
 Hollander, Edward,
 Hudson, Wilbur G.,
 Krowl, Harry C.,
 Kuhn, Arthur K.,
 Lambert, Louis L.,
 Langer, Samuel,
 Lewis, Maurice B.,
 Liebling, James S.,
 Litter, F. J.,
 Lockhart, Robert J.,
 Loewy, George J.,
 Loos, Hermann Andreas,
 Lucke, Charles E.,
 Lurye, Henry I.,
 McAdam, Edward Wallace,
 McClelland, James Bruce,
 Mack, Mortimer Clarence,
 Mahoney, Jeremiah Titus,
 Marrin, Edward Spellman,
 Martin, Harold M.,
 Martin, Thomas A.,
 Mehrtens, Henry E.,

110 East Broadway.
 854 East 134th Street.
 325 East 62d Street.
 645 Madison Avenue.
 215 Ninth Avenue.
 158 East 72d Street.
 95 East 7th Street.
 Spuyten Duyvil.
 91 Canal Street.
 130 East Broadway.
 108 East 70th Street.
 156 Rivington Street.
 172 Clinton Street.
 129 West 132d Street.
 316 East 116th Street.
 354 East 4th Street.
 96 Goerck Street.
 1383 Washington Avenue.
 65 West 11th Street.
 134 East 80th Street.
 59 East 80th Street.
 1329 First Avenue.
 78 Clinton Street.
 73 West 131st Street.
 213 West 104th Street.
 32 West 84th Street.
 94 East 114th Street.
 138th Street and Amsterdam Avenue.
 235 Division Street.
 143 East 57th Street.
 Anthony Ave., near 176th St., Tremont.
 403 West 21st Street.
 230 East 89th Street.
 119 East 115th Street.
 270 West 96th Street.
 23 Jefferson Street.
 308 West 20th Street.
 5 East 41st Street.
 228 West 82d Street.
 118 East 93d Street.
 344 East 31st Street.
 311 West 101st Street.
 436 Lenox Avenue.
 280 Third Avenue.

Menline, Isaac,	356 East 69th Street.
Miller, Albert,	156 Rivington Street.
Mohr, Albert Gustav,	17 Bedford Street.
Neill, John Campbell,	128 West 100th Street.
O'Connor, Charles Henry,	338 East 55th Street.
O'Grady, Cornelius E.,	1062 Forest Avenue.
Pfeifer, Charles, Jr.,	198 Avenue B, near 12th Street.
Reich, Sigmund,	7 Avenue B.
Roberts, Jonn Stacey Victor,	1599 Lexington Avenue.
Robinson, Franklyn Whittman,	620 East 135th Street.
Rosenbaum, William,	253 West 121st Street.
Saunders, George C.,	104 West 92d Street.
Schafransky, Leo,	1644 Madison Avenue.
Schwarz, Herman,	307 East 79th Street.
Smith, Charles B.,	1207 Columbus Avenue.
Smith, John P.,	355 West 17th Street.
Stark, Meyer Maurice,	87 Baxter Street.
Steinberg, Maurice J.,	230 Henry Street.
Stiefel, Otto August,	1379 Lexington Avenue.
Sturtz, Samuel,	301 West 44th Street.
Sullivan, Franklin Curtis,	1054 Avenue A.
Tarler, A. Lawrence G.,	425 East 116th Street.
Tombo, Rudolf, Jr.,	2 Ridge Place (366 Mott Avenue).
Valk, Francis M.,	163 East 37th Street.
Wechsler, Martin,	153 Suffolk Street.
Wechsler, Walter M.,	132 West 74th Street.
Weil, Alfred,	172 East 74th Street.
Werdenschlag, Arthur,	140 West 48th Street.
Wolfson, Albert,	128 East 56th Street.
Woolf, Harry J.,	138th Street and Amsterdam Avenue.
Wray, William, Jr.,	1883 Vyse Avenue.
Wright, Alfred A.,	163d Street and Sheridan Avenue.

SOPHOMORE CLASS—CLASSICAL COURSE.

Adelsohn, Jonas,	1685 Lexington Avenue.
Alexander, Bernhard,	33 Pitt Street.
Barit, Samuel,	188 Madison Street.
Berger, Benjamin,	346 East 4th Street.
Bicak, J. F.,	981 East 163d Street.
Biele, Carl F.,	164th Street, corner College Avenue.
Blum, Edward,	1005 Madison Avenue.
Celler, Herbert L.,	61 West 94th Street.
Coleman, William A.,	850 Lexington Avenue.
Corse, Arthur W.,	77 Morton Street.

Cunningham, Joseph A.,	81 Ninth Street.
Curtis, Thomas A. J.,	142 East 36th Street.
Deane, Parker K.,	67 Bank Street.
Dieckman, Frederick W., Jr.,	66 Irving Place.
Dreyfus, F. J.,	45 East 92d Street.
Dryfoos, Walter,	645 Madison Avenue.
Ehrhard, William Joselin,	315 East 29th Street.
Ehrich, Manfred U.,	54 West 75th Street.
Ellison, Millard Henry,	48 East 87th Street.
Franklin, William Kunan,	95 Greenwich Avenue.
Gabriel, B. L.,	739 East 139th Street.
Gilbert, Blace E.,	471 West 157th Street.
Ginsberg, Isidor I.,	111 Eldridge Street.
Glück, Emil,	188th Street and Amsterdam Avenue.
Goldman, Chas.,	1 Pike Street.
Greenbaum, Max,	354 East Houston Street.
Hamburger, Max Sigmund,	222 East 58th Street.
Hoffman, Samuel,	418 East 81st Street.
Hubschmitt, A. Wendell,	408 East 52d Street.
Hunt, Frederic Lincoln,	318 West 121st Street.
Isaacs, Lewis,	110 East 73d Street.
Jameson, Chas. Baring,	47 West 132d Street.
Jarmulowsky, Harry,	102 East 60th Street.
Jasper, J. Harper,	130 West 123d Street.
Kempner, Wilton,	323 East Houston Street.
Kennedy, John S.,	183 West 101st Street.
Kenney, Edward J.,	408 Madison Street.
Knox, Herbert Allan,	472 Mott Avenue.
Levine, David,	736 Lexington Avenue.
Levy, Henry,	727 East 5th Street.
Lewis, M. Isaacs,	110 East 73d Street.
Martin, Norman,	786 East 142d Street.
Marx, Arthur,	25 East 73d Street.
May, Peter F.,	533 East 15th Street.
Michel, Samuel M.,	246 East 51st Street.
Moschcowitz, Alexis,	364 West 55th Street.
Mund, Conrad,	308 East 62d Street.
Murray, Hugh C.,	530 West 42d Street.
Nelson, Isaac,	116 East 81st Street.
Noll, Vincent,	301 East 73d Street.
Payne, George H.,	
Plonsky, Samuel Edward,	50 West 88th Street.
Price, Nathaniel G.,	130 Columbia Street.
Rochemowitz, D. William,	191 Rivington Street.

Rosenbaum, Isadore,	30 Clinton Street.
Rosensohn, William,	49 Eldridge Street.
Rosett, Louis J.,	139 Attorney Street.
Scherr, Emilius William, Jr.,	2014 Seventh Avenue.
Schlueter, Edward Henry,	528 East 12th Street.
Schodel, Frederick,	136 First Avenue.
Schwarzkopf, John,	167 East 94th Street.
Sladovnik, Charles,	305 East 46th Street.
Sommerich, Otto C.,	572 Park Avenue.
Spingarn, Arthur Barnett,	118 East 58th Street.
Steinert, Harry,	221 East 53d Street.
Sullivan, Arthur Lucian,	1054 Eastern Boulevard.
Tannenbaum, Samuel A.,	275 Second Street.
Thellusson, Chas. F.,	204 Elm Street.
Valentine, Morris Crawford,	Anthony Avenue, bet. 176th and Gray Streets, Tremont.
Vandegrift, George Wonson,	277 Henry Street.
Vermilya, Frank B.,	36 West 128th Street.
Weiss, Bernard,	642 Fifth Street.

SOPHOMORE CLASS—SCIENTIFIC COURSE.

Adams, Francis Alexander,	79 West 91st Street.
Alexander, Jerome,	147 East 62d Street.
Arendt, Morton,	42 West 126th Street.
Arteaga, Jules F.,	307 West 28th Street.
Becker, Louis,	506 West 157th Street.
Bernstein, Eugene Paul,	227 East 116th Street.
Biehn, Martin J. F.,	245 West 24th Street.
Clark, George M.,	613 East 136th Street.
Constantine, Thomas S., Jr.,	853 East 163d Street.
Cook, Laurens A.,	152 East 71st Street.
Ehrenreich, James Jacob,	48 East 74th Street.
Ellis, Rudolph Pell,	58 West 129th Street.
Ellison, Elliot J.,	1893 Madison Avenue.
Feinberg, Aaron Archibald,	76 Mott Street.
Feinberg, Henry G.,	160 Broome Street.
Fernbach, Robert Ludwig,	228 East 61st Street.
Gandolfo, Joseph Harrington,	245 East 19th Street.
Gans, Moses J.,	411 East 51st Street.
Gehorsam, Ernst,	168 East 108th Street.
Geoghegan, Joseph G.,	2130 Seventh Avenue.
Gershel, Milton,	173 East 75th Street.
Goldberg, Isaac,	118 West 122d Street.
Goodman, Abraham H.,	86 Hester Street.

Gordon, Frederick Bianchi,	245 West 122d Street.
Graff, A. Stanley,	358 West 51st Street.
Griffith, William E.,	170 West 96th Street.
Hargrave, George E.,	329 Eighth Avenue.
Hartman, Wm. Lewis,	275 Second Street.
Heil, Joseph S.,	63 East 127th Street.
Hyams, Benno,	938 First Avenue.
Jacobowitz, Louis,	138th Street and Tenth Avenue.
Kasner, Edward,	52 Catharine Street.
Kridel, Alexander Hayes,	15 East 77th Street.
Kues, George August,	1644 Second Avenue.
Lawyer, Louis R.,	342 West 32d Street.
Lee, James T. A.,	235 East 124th Street.
Lese, Frederick,	231 East 60th Street.
Lippe, Adolphus A.,	423 East 116th Street.
Lyon, Palmer Heath,	69 West 93d Street.
Marks, Louis,	230 East 68th Street.
Meyer, Albert S.,	157 West 126th Street.
Minski, Moses,	119 Orchard Street.
Phillips, Harry M.,	221 Division Street.
Pokorny, Rudolph C.,	436 East 73d Street.
Porter, Raymond S.,	108 West 103d Street.
Reinhardt, Geo. F.,	114 East 82d Street.
Rippe, Maurice L.,	29 Division Street.
Rosenstein, Ernest,	33 East 63d Street.
Sadofsky, Isaac,	14 Chrystie Street.
Schlecht, Walter Wm.,	446 East 57th Street.
Schlosser, Jacques,	2 East 92d Street.
Schoenfeld, Jacob M.,	286 East 4th Street.
Schrier, Albert Franklin,	128 Avenue C.
Sindelar, Charles,	1506 Avenue A.
Smallen, Hugh J.,	252 College Avenue.
Strobel, August C.,	2310 First Avenue.
Strobel, Walter E.,	164 West 105th Street.
Truckenbrodt, Lewis,	222 East 75th Street.
Turner, Reeve,	129 East 29th Street.
Van Brakle, John Ogden,	252 West 133d Street.
Van Holland, C., Jr.	249 East 83d Street.
Volkhausen, Wm. C.,	169 East 73d Street.
Wagner, Oscar,	60 East 93d Street.
Wechsler, Samuel,	153 Suffolk Street.
Wieler, A.,	251 East 84th Street.
Wiener, Jacob Israel,	572 Ninth Avenue.
Willershausen, Frederick,	60 Greenwich Avenue.
Zevie, Simon,	72 Division Street.

SOPHOMORE CLASS—MECHANICAL COURSE.

Allmuth, Alfred,	161 East 72d Street.
Beyer, Emil,	1441 Avenue A.
Brustlein, Charles H.,	108 Lexington Avenue.
Bulwinkle, George,	118 West 35th Street.
Carlson, Carl Oscar,	203 Lexington Avenue.
Crandell, Paul M.,	47 West 126th Street.
Dithridge, Edward Lewis,	44 Lorillard Street.
Ferris, George Joseph,	87 Dey Street.
Flanagan, Edward,	19 West 98th Street.
Fox, John Joseph,	425 West 54th Street.
Goldberg, Lazarus,	316 East 116th Street.
Goodman, Joseph,	611 Sixth Street.
Kolman, Anton,	716 East 164th Street.
McDowell, Alexander Henry,	457 West 21st Street.
McGuire, Joseph Aloysius,	744 East 9th Street.
Martin, Urban Francis,	438 West 47th Street.
Nathans, Thomas Addison,	163 East 93d Street.
Nelson, Clare,	116 East 81st Street.
O'Reardon, Ignatius,	229 East 18th Street.
Petersen, August H.,	436 East 89th Street.
Peyser, Harry,	225 East Broadway.
Seely, Walter,	247 West 69th Street.
Solomon, Nathan,	344 West 145th Street.
Son, Jacob A.,	1636 Madison Avenue.
Taylor, Albert S.,	1279 Franklin Avenue.
Walther, Oscar,	320 East 30th Street.
Wiegmann, William H.,	416 Sixth Street.
Will, Herbert Warner,	Cor. 169th Street & Webster Avenue.

FRESHMAN CLASS—CLASSICAL COURSE.

Anspacher, Louis K.,	18 East 119th Street.
Arnstein, Max Leopold,	114 East 72d Street.
Aronson, Edward A.,	8 Barrow Street.
Aronson, Jacob,	8 Barrow Street.
Bachmann, Isaac D.,	119 West 131st Street.
Bendell, Henry J.,	133 East 12th Street.
Berrymann, Joseph,	402 East 89th Street.
Bigelow, Joseph Hill,	169 East 69th Street.
Birnbaum, Martin,	336 East 26th Street.
Blumenthal, J. Leon,	933 Eighth Avenue.
Brandt, O. Rutherford,	Kingsbridge.
Brin, Benjamin,	449 East 116th Street.
Briner, Emil Amandus,	620 Lexington Avenue.

Brouner, Elmer R.,
 Browne, Robert L.,
 Buerger, Leo.,
 Clarke, Robert A.,
 Cooper, Bernard Jacob,
 Cremin, Wallace L.,
 Davies, Thomas Franklin,
 Dearborn, Frederick M.,
 De Witt, Walter G.,
 Dyer, Rodriguez S.,
 Eberhardt, Henry A.,
 Edelstein, Jacob,
 Elgas, William Taylor,
 Elliott, Maxwell Hall,
 Ernst, Irving Leo.,
 Fairchild, Charles Bryant,
 Felsenheld, Arthur Louis,
 Foehrenbach, Herman,
 Fox, Solomon,
 French, John W.,
 Fried, Isidor,
 Frost, Albert Davis,
 Gazzam, Joseph M.,
 Gentzlinger, Charles Frederick,
 Geoghegan, Walter Foley,
 Getty, William John Tolan,
 Gibson, Francis William,
 Goebel, Lewis Saul, Jr.,
 Gombarts, George,
 Goodfriend, Herman,
 Greener, Russell Lowell,
 Greenfield, Henry Bernard,
 Gutmann, Charles Simeon,
 Hahn, Joseph,
 Hamill, James, Jr.,
 Harris, Maxwell S.,
 Herbert, Le Roy Bedford,
 Hirschberg, Max Hermann,
 Holiner, Samuel David,
 Jacobs, Benjamin,
 Jacoby, Leo,
 Jellinghaus, Charles Frederick,
 Jones, David Hughes,
 Kaufman, Arthur,

72 Horatio Street.
 207 West 16th Street.
 204 East 116th Street.
 657 Western Boulevard.
 95 Macdougall Street.
 848 Lexington Avenue.
 40 Gramercy Park.
 146 West 57th Street.
 163 West 21st Street.
 24 Christopher Street.
 253 West 35th Street.
 61 East 107th Street.
 121 West 87th Street.
 25 East 129th Street.
 1464 Lexington Avenue.
 1638 Washington Avenue.
 46 West 73d Street.
 356 West 46th Street.
 345 Spring Street.
 44 East 30th Street.
 329 East 8th Street.
 236 West 123d Street.
 717 East 141st Street.
 320 East 41st Street.
 2130 Seventh Avenue.
 220 West 58th Street.
 769 Ninth Avenue.
 338 West 87th Street.
 112 Willett Street.
 9 Avenue C.
 29 West 99th Street.
 212 East 76th Street.
 149 East 72d Street.
 284 East 4th Street.
 347 East 14th Street.
 8 Barrow Street.
 182 East 64th Street.
 109 Second Street.
 35 Willett Street.
 81 Willett Street.
 426 East 115th Street.
 45 St. Mark's Place.
 252 West 16th Street.
 1431 Lexington Avenue.

Keschner, Moses,	124 Sheriff Street.
Kilgore, Robert B.,	101 West 81st Street.
Kilian, Adolph Conrad,	325 West 32d Street.
Klein, Jacob,	94 First Street.
Klein, Louis,	212 Second Street.
Kopetzky, Samuel Joseph,	1148 Second Avenue.
Krabs, Maurice H.,	21 Willett Street.
Krampner, William,	262 East Houston Street.
Landau, Berthold,	310 East 3d Street.
Lesser, Pincus,	87 Division Street.
Lewine, Lester J.,	813 Lexington Avenue.
Lieberman, Jonas,	1905 Second Avenue.
Love, Cornelius R.,	142 West 22d Street.
Maass, Herbert H.,	1187 Lexington Avenue.
McCague, James Alexander,	155 East 21st Street.
Mackellar, Henry E.,	49 West 119th Street.
Mandel, Morris,	736 Lexington Avenue.
Mannheimer, Lewis,	63 West 134th Street.
Mayhew, Karl S.,	1963 Seventh Avenue.
Michel, Max,	131 East 93d Street.
Moran, William Edgar,	1983 Madison Avenue.
Mulroney, Joseph S.,	689 Lexington Avenue.
Naisawald, Horace Louis,	176 West 87th Street.
Nathan, Solomon,	830 Second Avenue.
Newman, Joseph,	200 East 121st Street.
Newman, Pinkus,	262 Second Street.
Oreutt, Avedra Blake,	427 West 57th Street.
Patri, Angelo,	2184 First Avenue.
Paul, Francis H. J.,	516 West 47th Street.
Penney, Clarence J.,	104 East 55th Street.
Pleister, Henry W.,	320 Second Avenue.
Pratt, Francis Ormond,	266 West 40th Street.
Pretzfeld, Charles J.,	152 East 61st Street.
Pugliese, Anthony,	2204 First Avenue.
Rafferty, James A.,	141 West 62d Street.
Ray, David Heydon,	416 West 55th Street.
Reinhardt, Emanuel,	243 Seventh Street.
Reisman, Samuel S.,	56 Broome Street.
Remenitsky, Joseph,	142 Columbia Street.
Rhoads, Schuyler C.,	53 West 130th Street.
Ripinsky, Seymour H.,	389 Canal Street.
Roll, John Krapp,	35 Seventh Street.
Stewart, R. W.,	123 West 11th Street.
Scheibel, Henry,	109 Ludlow Street.

Schultz, Alfred Paul,	288 Broome Street.
Schwed, Frederic,	Hotel St. Lorenz, East 72d Street.
Seaman, Robert Reece,	108 West 13th Street.
Siegelman, Julius,	605 East 11th Street.
Sinclair, Upton Beall, Jr.,	101 West 81st Street.
Sohst, Edward Carl,	45 East 3d Street.
Solomon, Samuel,	161 Henry Street.
Springmeyer, Charles Edwin,	522 East 119th Street.
Stern, Arthur Joseph,	202 East 52d Street.
Stern, Edwin Hyman,	133 East 80th Street.
Stern, Paul,	333 East 4th Street.
Stern, Simon Theodore,	50 West 97th Street.
Stern, Sidney Wilfred,	126 East 76th Street.
Sternfeld, Otto Monroe,	55 East 65th Street.
Sugarman, Solomon Charles,	44 Henry Street.
Sullivan, Dennis James,	796 Ninth Avenue.
Swan, Giles John,	160 West 29th Street.
Taylor, Walter Powell,	312 West 106th Street.
Theobald, Jacob,	542 East 11th Street.
Vilkomirson, Abraham Isidor,	418 East 17th Street.
Waechter, Adolph L.,	220 East 10th Street.
Wattenberg, Abraham Mordecai,	2147 Seventh Avenue.
Weinberg, Ralph,	166 East 72d Street.
Wettengel, Walter,	154 East 34th Street.
Widdicombe, Albert Lord,	3 West 132d Street.
Williams, William Henry,	152 East 49th Street.
Wurthmann, Henry,	431 East 80th Street.
Zimmerman, Louis A.,	542 Fifth Street.

FRESHMAN CLASS—SCIENTIFIC COURSE.

Ast, Abraham,	228 East 58th Street.
Bernheimer, Clarence G.,	156 West 97th Street.
Bernstein, Harold de F.,	152 West 91st Street.
Betjeman, Nicholas,	431 East 57th Street.
Billo, Otto,	413 East 80th Street.
Bing, Alexander M.,	71 East 77th Street.
Blan, Horace B.,	210 East 82d Street.
Blatt, Irving Harry,	133 East 94th Street.
Blondel, Theodore, Jr.,	548 Mott Avenue, cor. 149th Street.
Boyd, William B.,	40 Perry Street.
Bradley, William A.,	152 West 99th Street.
Cairns, Douglas W.,	40 Grove Street.
Carlson, Oswin D.,	345 West 24th Street.
Chankin, Joseph,	14th Street and Market Place.

Cohen, Hyman,	21 Rutgers Street.
Compton, Alfred,	40 West 126th Street.
Cosgrove, Cornelius B.,	56 West 129th Street.
Doob, Irving E.,	219 East 61st Street.
Dorlan, George W.,	361 Bleecker Street.
Dorn, Isaac,	95 Hester Street.
Duke, Walter Alfred,	429 West 22d Street.
Dunn, Arthur D.,	164 East 111th Street.
Dunn, Harris Ashton,	223 Central Park, West.
Ellison, Mark Hugo,	1893 Madison Avenue.
Fichandler, Alexander,	59 Bayard Street.
Frank, Augustus A., Jr.,	225 Central Park, West.
Gamble, Leslie,	527 West 142d Street.
Gluck, Arthur W.,	167 East 60th Street.
Goldberg, Abram,	248 East Broadway.
Goldwasser, Israel Edwin,	70 East 109th Street.
Goodfried, Ignatz,	116 Willett Street.
Goodman, Morris,	354 East 4th Street.
Hahn, Walter M.,	383 Eighth Street.
Hanson, John C.,	568 Walton Avenue.
Harris, William H.,	318 West 42d Street.
Heller, Bernard S.,	121 East 73d Street.
Hodge, J. A.,	255 West 32d Street.
Hodges, Richard Osgood,	37 East 20th Street.
Hoffman, Mark,	344 East 4th Street.
Homburger, Lionel M.,	168 West 96th Street.
Jacobson, Samuel O.,	156 East 94th Street.
Jacoby, Victor E.,	427 West 147th Street.
Jacoves, Louis J.,	60 Henry Street.
Joseph, Louis,	136 Clinton Street.
Kaempffert, Waldemar B.,	West 106th Street and Riverside Drive.
Kafka, Hugo,	194 Edgecomb Avenue.
Kempner, Martin,	71 East 61st Street.
Klotz, Edward H.,	42 East 22d Street.
Kronacher, Joseph,	189 Hudson Street.
Levy, Edward,	109 West 78th Street.
Ludwig, Augustus,	299 Seventh Avenue.
McAdam, Edward G.,	338 West 29th Street.
McGuire, Clarence K.,	104 Bank Street.
Man, William S.,	19 West 10th Street.
Michael, George,	1600 Avenue A.
Moore, Arthur Tenney,	320 East 30th Street.
Musgrave, Edward J.,	2215 Fulton Avenue.
Neufeld, Julius L.,	258 East 4th Street.

Peyser, William,	225 East Broadway.
Picard, Milton,	1067 Park Avenue.
Platt, Mark C.,	329 West 46th Street.
Radgek, Abraham,	185 Henry Street.
Rich, Albert G.,	164 West 88th Street.
Richardson, William, Jr.,	329 East 13th Street.
Roberts, Arthur Joseph Dean,	1599 Lexington Avenue.
Roe, Louis N.,	2013 Fifth Avenue.
Rosenberg, Henry J.,	110 East 76th Street.
Rupprecht, Hugo,	333 West 39th Street.
Salant, Aaron,	71 Monroe Street.
Schallek, Max L.,	1376 First Avenue.
Schrader, Carl E.,	310 West 28th Street.
Schramm, Charles G.,	124 East 59th Street.
Schworer, John,	206 Avenue A.
Sheridan, James Walter,	2011 Third Avenue.
Simpson, William T.,	458 West 24th Street.
Solomon, Albert,	806 Lexington Avenue.
Spingarn, Alexander,	31 Division Street.
Stantial, Robert S.,	540 East 163d Street.
Stark, Nathan,	257 Second Street.
Steinberg, Henry,	103 East Broadway.
Terwilliger, Henry Hornidge,	226 East 15th Street.
Tuttle, James Horton,	336 West 84th Street.
Vermilya, Percy S.,	36 West 128th Street.
Vogel, George Ed.,	704 East 175th Street.
Wandling, Elliott C.,	775 Lexington Avenue.
Wehrum, Delafield,	315 East 20th Street.
Weil, Edwin,	62 East 88th Street.
Wilson, Thomas J.,	600 Grand Street.
Wingebach, August,	421 East 84th Street.
Wolbach, I. Leon,	122 West 130th Street.
Wolfson, Samuel,	128 East 56th Street.
Woodward, Ralph Edgar,	58 West 128th Street.
Zipser, Morris,	149 Rivington Street.

FRESHMAN CLASS—MECHANICAL COURSE.

Ackerman, William,	255 West 32d Street.
Anderson, Charles,	363 West 56th Street.
Baillet, Henry,	150 Varick Street.
Baumann, Albert P.,	228 East 52d Street.
Beck, Oscar Charles,	45 St. Mark's Place.
Bell, Clarence F.,	1204 Boston Avenue.
Berger, John,	97 Sheriff Street.

Berliner, Jacob S.,	16 East 93d Street.
Blank, Joseph S.,	104 East 84th Street.
Blumenthal, Henry,	52 East 75th Street.
Blumgardt, Isaac,	318 East 86th Street.
Boroschek, Leopold,	149 East 56th Street.
Borowsky, Isaac R.,	63 Canal Street.
Breitwieser, Hubert F.,	74 Seventh Street.
Brenauer, Joseph B.,	1023 Second Avenue.
Briner, Charles H.,	620 Lexington Avenue.
Cohn, Louis,	289 West Houston Street.
Coleman, Samuel F.,	323 West 37th Street.
Connor, Francis J. N.,	331 West Houston Street.
Costigan, Edward S.,	206 Amsterdam Avenue.
Daly, Edwin Howell,	2050 Madison Avenue.
Davis, Edward Parsons,	159 West 83d Street.
Deichelmann, A.,	625 Second Avenue.
Dramant, Arthur H.,	24 East 106th Street.
Donohue, Thomas J.,	155 East 84th Street.
Findlay, Walter,	354 West 18th Street.
Franken, Eugene H.,	74 East 104th Street.
Freyer, Adolph,	57 Columbia Street.
Galewski, David,	170 Henry Street.
Garrety, Wm. Plymon,	203 West 23d Street.
Giles, Frederick Lincoln,	140 Christopher Street.
Grady, William E.,	419 East 87th Street.
Griffiths, Leonard Liddle,	438 West 24th Street.
Haight, Robert S.,	115 East 39th Street.
Hanson, Herbert Henry,	145 West 121st Street.
Hart, Robert C.,	293 Lenox Avenue.
Hartley, Alan,	229 West 134th Street.
Heidelberg, Max G.,	57 West 127th Street.
Holton, H. Miles,	244 East 112th Street.
Hosch, Robert,	610 East 14th Street.
Kelly, T. M.,	355 West 55th Street.
Kitzinger, F. H.,	254 West 129th Street.
Leiner, Charles,	976 Second Avenue.
Leyes, Louis,	343 East 118th Street.
Lichtenstein, Edwin,	1986 Madison Avenue.
Lobo, Gustave,	219 West 44th Street.
Long, T.,	125 West 97th Street.
Lyons, George V.,	223 East 62d Street.
Mahoney, Thomas P.,	614 Eleventh Avenue.
Marcus, Sander,	1161 Park Avenue.
Martin, Alexander F.,	431 Fifth Avenue.

Merritt, F. Charles,	293 Lenox Avenue.
Metz, A. W.,	130 East 70th Street.
Morrill, William C.,	24 West 83d Street.
Morrison, Charles E.,	103 West 56th Street.
Murray, William J.,	109 East 85th Street.
Nash, R. Newton,	Blackwell's Island.
Neidlinger, Charles R.,	229 West 69th Street.
Norton, James J.,	426 West 42d Street.
Nourse, Silas W.,	523 S. Eighth Avenue, Mt. Vernon
Nutter, C. H.,	231 East 26th Street.
Ode, Randolph T.,	24 Charlton Street.
Pearl, Elbridge Gerry,	24 West 130th Street.
Randolph, Fred. P.,	51 East 29th Street.
Reichert, Louis F.,	98 Lawrence Street.
Ridley, Arthur J.,	118 East 64th Street.
Rose, William G.,	8 West 117th Street.
Rosenbach, Milton B.,	125 East 65th Street.
Rosenberg, Michael,	275 East Houston Street.
Rosenberg, Samuel,	119 Clinton Place.
Schmid, Chas. P., Jr.,	121 East 104th Street.
Schroeder, Louis Jacob,	40 Clinton Place.
Schwab, Justus H.,	50 First Street.
Simmons, Maurice,	79 Mott Street.
Smith, Havilah M.,	71 Perry Street.
Sparks, Clarence Ashton,	159 West 63d Street.
Speckel, Henry George,	631 West 152d Street.
Stahl, George Frederick,	550 East 15th Street.
Stark, Morris,	433 East 57th Street.
Stein, Charles,	1302 Fulton Avenue.
Stiner, Edgar Felix,	14 East 92d Street.
Tombo, Carl,	2 Ridge Place, Mott Haven.
Underhill, Herbert W.,	110 West 123d Street.
Vogt, Charles A.,	619 East 157th Street.
Wade, John Edgar,	41 Perry Street.
Weaver, Albert B.,	515 Manhattan Avenue.
Weiller, John,	49 East 75th Street
Wessels, E. Herbert,	43 West 91st Street.
Whiteside, Donald G.,	251 West 133d Street
Wilcke, Edward Jean,	263 West 21st Street.
Wolfe, Roscoe V.,	1476 Lexington Avenue.
Wood, George,	Union Street, High Bridge.
Ziegel, Herman,	222 East 128th Street.
Zorn, Chas. F.,	1367 Fulton Avenue.

SUB-FRESHMAN CLASS—CLASSICAL COURSE.

Agastein, Sigmund,	254 West 35th Street.
Ahrens, Herman F.,	63 West 133d Street.
Alter, Julius,	9 Montgomery Street.
Alter, Maurice Joseph,	211 East 104th Street.
Arnold, Felix,	173 East 62d Street.
Baer, Jules H.,	446 West 43d Street.
Bartley, John P.,	544 Third Avenue.
Bernfeld, Samuel,	632 Second Avenue.
Berolzheimer, Daniel D.,	175 East 79th Street.
Black, Robert,	413 East 16th Street.
Bloch, Samuel J.,	86 East 111th Street.
Bracker, Max H.,	97 Second Avenue.
Bradley, William J.,	456 West 151st Street.
Brand, Harry,	86 Suffolk Street.
Brandt, Moses,	127 Norfolk Street.
Braun, Alfred,	170 East 95th Street.
Brill, Abraham,	365 East Houston Street.
Bryant, Carleton E.,	321 West 14th Street.
Calhoun, H.,	168 West 96th Street.
Carroll, Benjamin Louis,	233 West 15th Street.
Carroll, Joseph Ignatius,	106 East 84th Street.
Casanova, de, Louis Lorne,	55 West 105th Street.
Chamberlain, Walter Lawrence,	439 Lexington Avenue.
Clark, William W.,	154 West 79th Street.
Cohn, Louis,	452 East 118th Street.
Cohen, Max,	283 Tenth Avenue.
Conner, Christopher G.,	325 East 39th Street.
Coulter, Elmer Dean,	301 West 45th Street.
Cowles, Oliver James,	175 East 79th Street.
Cunningham, Edward W. C.,	80 East 9th Street.
Curry, Henry Martin,	989 Jackson Avenue.
Davidson, Gabriel,	130 East 65th Street.
Davidson, Maurice,	259 East 78th Street.
Davidson, Maxwell,	131 East 78th Street.
Davis, Stanley Bagg,	1977 Seventh Avenue.
Dieckmann, Otto,	121 East 18th Street.
Dittmar, George,	423 Third Avenue.
Donohue, Charles Deering,	518 West 43d Street.
Donnelly, John Edward,	103 West 74th Street.
Duncan, William Alanson,	34 Bank Street.
Ecclesine, Joseph Francis,	102 West 128th Street.
Eckstein, Joseph,	292 Second Street.
Ehrich, William Joseph,	54 West 75th Street.

Elgas, Matthew John, Jr.,	121 West 87th Street.
Ernst, Bernard Morris,	126 West 132d Street.
Fendrich, Edward Adam,	428 West 41st Street.
Ferguson, William,	719 Eighth Avenue.
Fine, David,	43 East 106th Street.
Finkelstone, Simon,	338 East 52d Street.
Fischer, Samuel Melvin,	127 East 62d Street.
Fish, Francis Xavier,	235 East 94th Street.
Fisher, William King,	524 West 142d Street.
Flatto, Isadore,	141 Monroe Street.
Foise, Elias L.,	109 West 64th Street.
Frank, Louis,	19 James Slip.
Frankenthal, Milton,	662 Lexington Avenue.
Friedland, George,	5 Sheriff Street.
Friedman, Louis Alexander,	807 East 9th Street.
Fulton, Robert Edison,	168 West 46th Street.
Goldberg, Barney,	202 East Broadway.
Gougelman, Pierre Edward,	117 East 12th Street.
Graham, James Monroe,	464 Lexington Avenue.
Greenfield, Bernard Herrmann,	822 Madison Street.
Gregorius, Louis Frederick,	362 West 29th Street.
Hall, Ernest,	Beech Terrace & 143d Street.
Hammond, William K., Jr.,	324 West 29th Street.
Hanson, Arthur Y.,	145 West 121st Street.
Harrison, Philip,	433 East 51st Street.
Hawkins, Chauncey A.,	147 West 61st Street.
Herrman, Sydney H.,	54 East 80th Street.
Herrmann, Edward,	339 East 82d Street.
Herrmann, George M.,	145 East 58th Street.
Hiller, Walter L.,	153 West 61st Street.
Holloway, Harold E.,	395 St. Nicholas Avenue.
Holzman, Ralph,	132 East 74th Street.
Hottenroth, Frederick William,	169 Alexander Avenue.
Jacobs, E. Louis,	26 West 121st Street.
Jeffers, Ward R.,	232 East 122d Street.
Johnson, Edward A.,	228 East 34th Street.
Johnson, William N.,	Crane Place and 174th Street, Tremont.
Kaiser, Emanuel M.,	Madison Avenue Hotel, cor. 58th Street and Madison Avenue.
Kehr, Ernest N.,	163 East 110th Street.
Keller, Ralph D.,	44 East 129th Street.
Kinkeldey, Otto,	62 East 12th Street.
Kiralfy, Harry B.,	38 Washington Square, West.
Klein, Henry H.,	15 Avenue B.

Klemyer, Jno. D.,	275 Madison Street.
Koenig, Herman H.,	732 Courtlandt Avenue.
Krehbiel, Otto F.,	16 West 120th Street.
Lederman, Jules D.,	1029 Park Avenue.
Lesegeld, Barnett,	15 East 77th Street.
Levy, Isaac H.,	208 Broome Street.
Levy, William B.,	179 East 93d Street.
Lindenstein, Samuel M.,	163 West 64th Street.
McClelland, Donald C.,	5 East 41st Street.
McLarney, Vincent F.,	170 East 63d Street.
McNeil, Joseph,	508 West 23d Street.
McNicholl, W. Arthur,	321 East 50th Street.
Magewirth, J. Otto,	73 East 85th St.; care of Mrs. O. Lauer.
Magie, John E.,	17 West 119th Street.
Mann, Horace,	149 East 61st Street.
Margulies, Isaac,	74 Henry Street.
Marks, Harry M.,	28 Rutgers Street.
Marsh, Charles V. R.,	666 East 139th Street.
Martin, Chancellor, Jr.,	103 West 93d Street.
Martin, Ernest R.,	154 West 60th Street.
Martin, Louis K.,	227 East 5th Street.
Martin, William J.,	10 East 86th Street.
Marx, Philip,	254 Madison Street.
Mason, J. Warren T.,	127 West 132d Street.
Mayhew, Ralph S.,	1963 Seventh Avenue.
Meidt, George Sauter,	622 Lexington Avenue.
Menkes, Charles,	101-103 Stanton Street.
Menline, Joseph S.,	356 East 69th Street.
Meyer, Julian J.,	2069 Madison Avenue.
Michel, Abraham,	246 East 51st Street.
Mork, Seymour,	348 East 51st Street.
Morris, Andrew R.,	550 Tenth Avenue.
Mosser, Frederick L.,	246 East 112th Street.
Mulgrew, Albert E.,	150 West 105th Street.
Müller, Emil A.,	345 Pleasant Avenue.
Murray, Andrew Franklin,	318 East 9th Street.
Myers, David,	64 East 77th Street.
Myers, Saul Sidney,	350 East 87th Street.
Needham, Henry E.,	334 Fourth Avenue.
Neustädter, Isidore,	19 Delancey Street, cor. Chrystie Street.
Nicholson, Douglas,	101 East 123d Street.
Onderdonk, Frederick A.,	265 West 131st Street.
Orgel, David Henry,	736 East 9th Street.
Ostrynsky, Louis,	192½ Delancey Street.

Pascal, Joseph L.,	93 Delancey Street.
Patterson, James R.,	137 East 116th Street.
Perl, Henry,	97 Pitt Street.
Pinner, Simon L.,	103 East 71st Street.
Politte, James St. C.,	942 Third Avenue.
Pretzfeld, Edgar S.,	10 East 126th Street.
Radin, Herman Theodore,	72 East 104th Street.
Reiter, Henry,	119 Attorney Street.
Requa, Leonard F., Jr.,	324 West 45th Street.
Rochow, Otto T.,	176 East 80th Street.
Rooney, Joseph V.,	301 East 69th Street.
Rosensohn, Samuel J.,	49 Eldridge Street.
Rosenthal, Charles,	344 East 50th Street.
Rosenthal, Hyman,	218 East 12th Street.
Salant, Louis,	71 Monroe Street.
Salomon, Leo C.,	2103 Madison Avenue.
Sanders, Geo.,	250 East 61st Street.
Saussy, Gordon,	24 University Place.
Schaeffer, Benj. L.,	208 East Broadway.
Schaeffler, Joseph,	315 West 31st Street.
Schoonmaker, Augustus,	44 West 17th Street.
Schwarz, Arthur H.,	105 East 79th Street.
Schweitzer, Henry,	492 Ninth Avenue.
Siegel, Isaac,	705 East 139 Street.
Siegel, Samuel I.,	300 Stanton Street.
Silk, Moses,	375 Greenwich Street.
Silverstein, Max,	54 Avenue D.
Smith, Royal E.,	1207 Columbus Avenue.
Sobel, David,	148 Henry Street.
Steiner, Gilbert D.,	348 East 85th Street.
Steinhardt, Samuel C.,	361 Western Boulevard.
Stern, Adolph,	333 East 4th Street.
Stern, Philip M.,	310 East 85th Street.
Sulzberger, Myron,	207 East 72d Street.
Tauszky, David A.,	57 East 91st Street.
Teven, Sidney L.,	300 Second Street.
Tisne, Gaston,	433 West End Avenue.
Tonn, Charles R.,	302 East 89th Street.
Trimmer, Theodore S.,	936 East 137th Street.
Tripp, Ross W.,	356 West 23d Street.
Ullmann, Alison,	490 Lexington Avenue.
Vion, Charles Joseph,	724 East 139th Street.
Weil, Harry J.,	569 East 156th Street.
Weinberger, George,	411 East 87th Street.

Weiss, David,	114 Lewis Street.
White, George A.,	336 East 55th Street.
White, John J.,	2148 Fifth Avenue.
Williams, Edward J.,	301 West 134th Street.
Winter, Chas. P.,	745 Ninth Avenue.
Winters, Jacob M.,	301 West 44th Street.
Yuzzolino, Attilio M.,	81 Baxter Street.
Ziegler, Charles E.,	Claremont Avenue, High Bridge.
Ziesig, B. E.,	187 Franklin Street.

SUB-FRESHMAN CLASS--SCIENTIFIC COURSE.

Adelsohn, Louis,	14 East 120th Street.
Adlerman, Israel,	246 East Broadway.
Appleton, Henry William, Jr.,	175 East 79th Street.
Ball, Nathan,	13 Perry Street.
Banks, Harry Chapman,	636 East 139th Street.
Bash, Romie Herbert,	160 East 80th Street.
Bastine, Harold Jackson,	112 East 19th Street.
Baumüller, John,	348 East 85th Street.
Biggio, Ernesto Giovanni,	1361 Fulton Avenue.
Bierwirth, Albert Howe,	622 East 136th Street.
Boehm, Henry Abraham,	Premier Hotel, cor. 72d Street and Lexington Avenue.
Bremer, Alexander Magnus,	69 East 86th Street.
Broder, Nathan,	45 Eldridge Street.
Brown, Moses,	162 Henry Street.
Camera, Americo Ulysses Nicholas,	186 Allen Street.
Bruder, Charles Frederick, Jr.,	138 West 67th Street.
Casselman, William Henry,	419 East 87th Street.
Coady, Chas. B.,	42 West 128th Street.
Cohn, Joseph,	228 Avenue A.
Collins, Christopher D.,	327 East 37th Street.
Colman, Walter A.,	762 Madison Avenue.
Cottle, George F.,	1 Gramercy Park.
Crowe, Edwin R.,	70 East 124th Street.
Daniel, Charles H.,	318 Tenth Avenue.
Demarest, Frank P.,	36 Bank Street.
Dobriner, Milton,	172 East 95th Street.
Eben, Lambert L.,	145 East 19th Street.
Edelman, Israel,	113 Stanton Street.
Ellison, Ernest A.,	203 West 135th Street.
Faulkner, Harry R.,	340 West 28th Street.
Fellman, Leo.,	19 West 87th Street.
Fendrich, Charles,	428 West 41st Street.

Ferguson, George P.,	343 West 24th Street.
Fischer, Bernard William,	227 West 37th Street.
Fischer, C. S.,	110 West 128th Street.
Fishel, Mortimer,	166 East 78th Street.
Fisher, Robert M.,	30 West 26th Street.
Foster, Mortimer B.,	Hotel Vendome, 41st St. and B'way.
Frank, Edward,	27 Sutton Place.
Frank, Julius,	36 Henry Street.
Frenkel, W. Norman,	108 East 103d Street.
Frerichs, W. Archibald,	525 West 129th Street.
Friedenstein, A.,	353 Grand Street.
Froehlich, Moses,	830 Lexington Avenue.
Fuchs, Charles Christian, Jr.,	1348 Fulton Avenue.
Garry, Arthur James,	217 East 39th Street.
Gerard, Daniel McKellar,	50 East 21st Street.
Gibbs, Edwin,	326 West 26th Street.
Goldberger, Isidore,	130 Ridge Street.
Greacen, Robert Fulton,	443 West 31st Street.
Grieve, Roy,	101 West 76th Street.
Grinberg, Maurice Wallach,	26 East 63d Street.
Haensel, William Frederick,	364 Eighth Avenue.
Hamill, John,	347 East 14th Street.
Hamilton, George Howard,	39 Bank Street.
Hanauer, Adrian Gus,	31 West 70th Street.
Harris, Isador,	230 Division Street.
Harris, Jacob,	244 East Broadway.
Harris, Leo Pinner,	162 West 94th Street.
Harris, Robert,	113 Ludlow Street.
Healy, Nicholas Joseph, Jr.,	53 Morton Street.
Hecht, Jacob Simon,	335 East 116th Street.
Hewitt, Zebulon Marvin,	156 West 16th Street.
Hoeffling, Gustave Christopher,	708 East 134th Street.
Hogan, William Henry,	546 Third Avenue.
Holmes, Myron Willis, Jr.,	878 Third Avenue.
Imhof, Adolf,	176 West 105th Street.
Isaacs, Michael,	271 Madison Street.
Kahn, Bernard,	106 East 85th Street.
Kahn, Samuel,	406 East 50th Street.
Kempner, Ralph,	71 East 61st Street.
Kissick, John Alexander,	504 West 44th Street.
Klein, Anthony,	212 Second Street.
Kopp, Julius Fred.,	332 East 50th Street.
Krakower, Moses Nathan,	158 East Broadway.
Kuh, Charles,	1126 Park Avenue.

Lauterbach, Samuel,	1187 Lexington Avenue.
Leffler, Arthur B.,	1015 Lexington Avenue.
Lengemann, John W.,	413 West 47th Street.
Leonhardt, Charles Frederick Gustav,	1652 Avenue A.
Lesser, Jacob,	147 Clinton Street.
Levy, Joseph,	246 East 60th Street.
Lewis, Samuel J.,	235 Division Street.
Lilienthal, Julian,	50 West 92d Street.
Lipfield, Isaac,	33 Orchard Street.
Lowenstein, Simon,	160 Attorney Street.
Ludvigh, Gyula,	759 Lexington Avenue.
McCully, R.,	220 West
Mandell, Louis J.,	122 Columbia Street.
Martin, Arthur Richmond,	154 West 50th Street.
Martin, Raymond B.,	21 West 84th Street.
Mason, Edgar V.,	51 West 57th Street.
Meagher, Joseph Paul,	240 East 30th Street.
Merritt, Charles Henry,	347 East 35th Street.
Messinger, John, Jr.,	110 East 86th Street.
Michelis, Arnold,	Tenth Ave., bet. 136th and 138th Sts.
Montgomery, Elbert Wilson,	86 Greenwich Avenue.
Müller, Charles J.,	520 East 88th Street.
Muller, Julius C.,	345 East 55th Street.
Murtha, A. B.,	68 East 111th Street.
Nestell, Raymond J.,	237 Lenox Avenue.
Nida, Julius A.,	111 East 89th Street.
Nordlinger, Sidney Herman,	149 West 64th Street.
Oakes, Frank B.,	423 West 21st Street.
Osnawitz, Nathan,	283 Madison Street.
Ottmann, William Setzer,	Nevada Hotel, 69th and 70th Streets, West Boulevard.
Pfann, Jerome,	65 East 95th Street.
Pfletschinger, Frederic,	184th Street and Tiebout Avenue.
Pforzheimer, Carl Howard,	348 East 124th Street.
Piatz, Julian,	252 West 128th Street.
Rathkowsky, Charles A.,	240 East Broadway.
Reisner, Harry,	423 East 78th Street.
Ritter, H., Jr.,	468 West 34th Street.
Roberts, George Alexander,	329 East 106th Street.
Robinson, Leo H.,	342 Bowery.
Rogers, Edward W.,	227 West 115th Street.
Rooney, Thomas F.,	844 Eighth Avenue.
Rosalsky, Joseph S.,	29 Allen Street.
Rowan, Alfred G.,	837 East 163d Street.

Scheiler, Frederick M.,
 Schiff, Gustave Henry,
 Schultze, Leonard,
 Schweizer, Albert C.,
 Severino, Joseph M.,
 Sherwood, Arthur E.,
 Starr, George R.,
 Steinberger, Frederick J.,
 Stevane, Albert,
 Sullivan, Walter S.,
 Sweeney, Richard Edward,
 Taylor, Thomas B.,
 Teunant, George G.,
 Tompkins, Harry L.,
 Toomey, Eugene,
 Torney, James V.,
 Waldman, Morris G.,
 Weil, Irving H.,
 Weizenhoffer, Adolph,
 Werner, Hymen,
 Woodburn, Cortlandt,
 Worm, Oscar R. W.,
 Wund, William F.,

187 East 64th Street.
 65 West 91st Street.
 100 West 73d Street.
 1741 Washington Avenue.
 76 East 93d Street.
 360 Canal Street.
 20 Coenties Slip.
 153 East 61st Street.
 232 Second Avenue.
 1054 Avenue A.
 308 Delancey Street.
 145 West 96th Street.
 313 East 37th Street.
 77 West 90th Street.
 Boulevard and West 143d Street.
 417 West 34th Street.
 168 Rivington Street.
 118 West 129th Street.
 344 East Houston Street.
 12 East 93d Street.
 197 Seventh Avenue.
 548 East 87th Street.
 539 Second Avenue.

SUB-FRESHMAN CLASS—MECHANICAL COURSE.

Althause, Walter,
 Arenander, Alfred W.,
 Barnhurst, William H.,
 Barry, Joseph T.,
 Bayne, Stephen F.,
 Beaudet, Ernest H.,
 Benda, George R.,
 Berndt, Joseph, Jr.,
 Bernstein, Solomon,
 Berry, E. S., Jr.,
 Boecker, Alexander,
 Boyer, Walter Lecompte,
 Brautigam, Paul Adam,
 Breitwieser, Herman George,
 Bressler, David Maurice,
 Budds, Benjamin Courtney,
 Buerger, Charles Bernard,
 Bullwinkel, William Hedemann,
 Cahoon, William Hamblin,

142 Willis Avenue.
 Williamsbridge.
 132 West 104th Street.
 441 East 23d Street.
 300 West 148th Street.
 538 West 126th Street.
 355 West 24th Street.
 540 Eighth Avenue.
 435 Grand Street.
 172 West 10th Street.
 237 East 28th Street.
 321 West 85th Street.
 Morris Avenue, near 158th Street.
 74 Seventh Street.
 525 East 84th Street.
 292 Bleecker Street.
 204 East 116th Street.
 665 Tenth Avenue.
 153 West 44th Street.

Campbell, James Albert,	404 College Avenue.
Cavagnaro, John Joseph,	16 Macdougall Street.
Cimiotti, Walter Frank,	221 Second Avenue.
Class, William H. Hathaway,	288 St. Nicholas Avenue.
Coakley, Henry Lefurgy,	126 East 45th Street.
Colman, Lawrence,	762 Madison Avenue.
Colwell, Lino Montalvo,	365 West 27th Street.
Corsa, William Henry, Jr.,	246 West 11th Street.
Cranmore, George Harlow,	870 Columbus Avenue.
Crawford, Henry Erastus,	220 West 28th Street.
Davies, John Richard,	431 West 34th Street.
Davis, Ashton Weymouth,	157 West 14th Street.
Denzer, Sydney Weilman,	113 West 130th Street.
Donohue, John Ambrose,	36 West 65th Street.
Duryea, Herbert,	570 Lexington Avenue.
Dzinba, Ferdinand,	153 East 33d Street.
Dzinba, Walter George,	153 East 33d Street.
Early, William Henry,	261 West 19th Street.
Eberhardt, M. G.,	322 West 41st Street.
Elder, Robert,	64 East 131st Street.
Elgar Benj. F.,	229 West 70th Street.
English, William James,	101 West 48th Street.
Epstein, Sigmund,	1624 Third Avenue.
Erstein, Moses,	63 East 66th Street.
Everett, Herbert H.,	24 Manhattan Street.
Fisher, Fred. S.,	528 West 142d Street.
Forbes, Frank P.,	63 Bank Street.
Ford, Harry C.,	310 West 18th Street.
Freudenburg, Henry,	59 East 93d Street.
Friedmann, Henry,	249 Second Street.
Friedman, H.,	348 East Houston Street.
Froment, Eugene McK.,	50 East 75th Street.
Fuentes, Julius E.,	325 West 112th Street.
Garcewich, Harry,	11 Sixth Avenue.
Gartlan, Eugene B.,	245 East 116th Street.
Gartlan, James H.,	245 East 116th Street.
Geissler, Adolph,	428 East 51st Street.
Gerdes, Henry T.,	5 Van Nest Place.
Goldberger, Henry H.,	63 Pitt Street.
Gomprecht, Martin,	210 East 61st Street.
Goodman, Fred. F.,	131 West 103d Street.
Grassi, Otto J. A.,	113 East 114th Street.
Green, James,	203 Seventh Avenue.
Grupe, Henry J.,	635 East 135th Street.

Gundlach, Walter A. H.,
 Hachtmann, Andrew P.,
 Hamburg, Edwin Charles,
 Happel, Frederick L.,
 Hauser, Alfred,
 Heath, James,
 Heneberry, William B.,
 Holloway, J. Henry,
 Horne, Frederick J.,
 Howell, Harry P.,
 Hynes, Mortimer J.,
 Jauss, Eugene C.,
 Kaufman, Charles,
 Kearney, James,
 Kellett, John K.,
 Kindlund, James C.,
 Klein, Henry,
 Korinek, John,
 Korner, Harry V.,
 Kunzman, John F.,
 Kuper, G. H.,
 Lawson, Randolph S.,
 Leventhal, Harris,
 Leventritt, Walter R.,
 Le Vino, Albert S.,
 Levis, Carl,
 Levy, Charles,
 Levy, J.,
 McBride, Thomas D.,
 McCarthy, Joseph G.,
 McGowan, William E.,
 McLaughlin, J. Robert,
 Marx, Edward,
 Mayer, C. G.,
 Merrill, H. Irving,
 Merrill, J. Edward,
 Meyerrieks, Herman A.,
 Michelson, Max,
 Milius, Gabriel E.,
 Murphy, James J.,
 Murphy, Owen Joseph,
 Neidlinger, Samuel C.,
 Nolan, John D.,
 Newman, Eugene,

160 East 79th Street.
 63 East 9th Street.
 104 West 116th Street.
 65 East 3d Street.
 119 East 54th Street.
 317 East 68th Street.
 340 East 117th Street.
 1625 Madison Avenue.
 26 Charles Street.
 51 Greenwich Avenue.
 55 West 39th Street.
 419 Sixth Avenue.
 570 Seventh Avenue.
 729 East 141st Street.
 214 Greenwich Street.
 367 West 22d Street.
 93 Columbia Street.
 1404 Avenue A.
 52 West 93d Street.
 79 West 101st Street.
 435 West 21st Street.
 18 East 11th Street.
 228 East Broadway.
 34 West 77th Street.
 17 East 89th Street.
 6 East 131st Street.
 373 Willis Avenue.
 524 West 143d Street.
 246 East 39th Street.
 222 East 49th Street.
 508 East 120th Street.
 25 East 73d Street.
 313 Fifth Street.
 743 Washington Street.
 743 Washington Street.
 32 Oliver Street.
 270 West 37th Street.
 26 East 74th Street.
 211 East 109th Street.
 446 East 122d Street.
 229 West 69th Street.
 749 Third Avenue.
 41 East 76th Street.

Newmann, Wm. E.,	1291 Samuel Street, West Farms.
Niemann, A. H.,	198 Prince Street.
Nuebling, Lewis,	134 Ninth Avenue.
Numann, Frederick W.,	121 Cherry Street.
O'Connor, D. J.,	245 East 121st Street.
O'Meara, John J.,	3 West 45th Street.
Park, William,	457 West 57th Street.
Parr, John R.,	445 West 56th Street.
Pasternak, Nathaniel,	76 Lewis Street.
Pellnitz, Gustav E.,	25 East 7th Street.
Peters, Curtis A.,	605 Tenth Avenue.
Philip, Max,	89 Pitt Street.
Phillips, Philip,	134 Columbia Street.
Pollock, Henry W.,	273 West 122d Street.
Pretzfeld, Howard F.,	10 East 126th Street.
Pretzfeld, Robert H.,	152 East 61st Street.
Prosser, Henry R.,	629 Eleventh Avenue.
Quint, Solomon,	123 Division Street.
Quirk, Thomas F.,	Hall Place and 165th Street.
Rathgeber, Wm. John,	321 East 19th Street.
Raunheim, Julius,	50 East 79th Street.
Reed, William C.,	406 West 19th Street.
Reed, Webster V.,	34 Grove Street.
Regensburg, Jerome,	113 Lenox Avenue.
Reilly, Joseph A.,	349 East 42d Street.
Reinhardt, Arthur H.,	149 Avenue B.
Reuben, Mitchell,	14 East 120th Street.
Scheuer, A. L.,	123 West 97th Street.
Schumacher, Henry,	530 West 55th Street.
Scott, Allan,	258 West 24th Street.
Sewards, Theophile F.,	1839 Madison Avenue.
Sewards, Theodore M.,	1839 Madison Avenue.
Shapiro, Isidor,	138th Street and Amsterdam Avenue.
Shattuck, Leslie C.,	352 West 22d Street.
Siegler, Michael,	138th Street and Amsterdam Avenue.
Silverman, Samuel,	333 Stanton Street.
Silverman, Samuel,	5 Mitchell Place.
Simon, Albert P.,	76 West 101st Street.
Simons, Frederick C.,	260 West 131st Street.
Slavik, William,	40 Avenue B.
Smulovitz, Abraham,	265 Division Street.
Solomon, Isidor,	122 Ridge Street.
Spitzka, Edward A.,	712 Lexington Avenue.
Springer, David R.,	228 East 62d Street.

Steer, Charles G.,	508 West 58th Street.
Stiehl, Wm. C.,	280 Avenue B.
Stocky, Peter D.,	15 East 130th Street.
Strauss, Lester,	60 St. Mark's Place.
Strouse, Frank L.,	58 East 116th Street.
Thompson, Rutherford C.,	159 West 102d Street.
Thurston, Harry D.,	171 West 102d Street.
Tiedt, Hermann,	342 West 42d Street.
Traymer, Reuben Horton,	200 West 83d Street.
Tynberg, Norton,	225 West 16th Street.
Viertel, Samuel,	240 East 128th Street.
Wagner, Robert F.,	304 Pleasant Avenue.
Ward, Samuel J.,	211 East 11th Street.
Wehrle, Philip,	352 East 54th Street.
Weinstein, Mortimer,	445 East 57th Street.
Weissblatt, Murray,	233 East 62d Street.
Werdenschlag, Silvain,	140 West 48th Street.
White, David F.,	160 East 103d Street.
Whitney, Wm. W.,	32 Perry Street.
Wild, James H.,	316 East 125th Street.
Wilner, Albert,	151 East Broadway.
Wolff, Alexander,	263 Division Street.
Zellers, Albert,	436 West 20th Street.

UNIVERSITY OF THE STATE OF NEW YORK.



The College of the City of
New York.

FORTY-SIXTH ANNUAL REGISTER.

1894-1895.

Douglas Taylor & Co.
New York.

CONTENTS.

1894-95.

	PAGE.
BOARD OF REGENTS.....	4
BOARD OF TRUSTEES—EXECUTIVE COMMITTEE.....	5
OFFICERS OF INSTRUCTION, GOVERNMENT, ETC.....	6
THE COLLEGE—ITS FOUNDATION, HISTORY, ETC.....	9
TERMS, VACATIONS, DAILY SESSIONS.....	10
REQUISITES FOR ADMISSION.....	10
COURSES OF STUDY.....	11
DEPARTMENTS OF STUDY.....	24
LIBRARY.....	39
WORKSHOP.....	40
DISCIPLINE.....	41
EXAMINATIONS.....	42
ALLOWANCE OF MARKS.....	43
MERIT ROLL.....	44
COMMENCEMENT.....	44
MEDALS AND PRIZES.....	46
CLASSICAL SCHOLARSHIPS.....	51
DEGREES.....	51
THE ASSOCIATE ALUMNI.....	52
STUDENTS' AID FUND.....	52
LITERARY SOCIETIES.....	53
COMMENCEMENT, 1894—	
MEDALISTS AND PRIZEMEN.....	54
HONOR MEN.....	56
DEGREES CONFERRED.....	57
DIRECTORY—	
CALENDAR.....	58
BOARD OF TRUSTEES.....	59
OFFICERS OF THE COLLEGE.....	60
ALUMNI OF THE COLLEGE.....	78
CHAIRMEN OF THE BOARD OF TRUSTEES.....	114
EXECUTIVE COMMITTEES OF THE BOARD OF TRUSTEES.....	114
FORMER OFFICERS OF THE COLLEGE.....	115
STUDENTS.....	61
SUMMARY.....	116

UNIVERSITY OF THE STATE OF NEW YORK.

BOARD OF REGENTS.

1894.

ANSON J. UPSON, D.D., LL.D., <i>Chancellor</i>	GLENS FALLS.
RT. REV. W. C. DOANE, D.D., LL.D., <i>Vice-Chancellor</i>	ALBANY.
ROSWELL P. FLOWER, LL.D., <i>Governor</i> ,	} <i>Ex-Officio</i> , ALBANY.
WM. F. SHEEHAN, <i>Lieutenant-Governor</i> ,	
JOHN PALMER, <i>Secretary of State</i> ,	
JAMES F. CROOKER, <i>Supt. of Public Instruction</i> ,	

In order of election by the Legislature:

MARTIN I. TOWNSEND, LL.D., 1873.....	TROY.
ANSON J. UPSON, D.D., LL.D., 1874.....	GLENS FALLS.
WILLIAM L. BOSTWICK, 1876.....	ITHACA.
CHAUNCEY M. DEPEW, LL.D., 1877.....	NEW YORK.
CHARLES E. FITCH, 1877.....	ROCHESTER.
ORRIS H. WARREN, D.D., 1877.....	SYRACUSE.
WHITELAW REID, LL.D., 1878.....	NEW YORK.
WILLIAM H. WATSON, M.D., 1881.....	UTICA.
HENRY E. TURNER, 1881.....	LOWVILLE.
ST. CLAIR McKELWAY, LL.D., 1883.....	BROOKLYN.
HAMILTON HARRIS, LL.D., 1885.....	ALBANY.
DANIEL BEACH, LL.D., 1885.....	WATKINS.
WILLARD A. COBB, M.D., 1886.....	LOCKPORT.
CARROLL E. SMITH, 1888.....	SYRACUSE.
PLINY T. SEXTON, LL.D., 1890.....	PALMYRA.
T. GUILFORD SMITH, M.A., C.E., 1890.....	BUFFALO.
RT. REV. W. C. DOANE, D.D., LL.D., 1891.....	ALBANY.
LEWIS A. STIMSON, M.D., 1893.....	NEW YORK.
REV. SYLVESTER MALONE, 1894.....	BROOKLYN.
MELVIL DEWEY, M.A., <i>Secretary</i>	ALBANY.
ALBERT B. WATKINS, PH.D., <i>Assistant Secretary</i> ..	ALBANY.

BOARD OF TRUSTEES.

CHARLES H. KNOX, A.M., LL.B., CHAIRMAN.

THADDEUS MORIARTY.	RANDOLPH GUGGENHEIMER.
JOHN L. N. HUNT, LL.D.	JAMES S. COLEMAN.
MILES M. O'BRIEN, LL.D.	CHARLES B. HUBBELL.
ROBERT MACLAY.	CHARLES STRAUSS.
JOSEPH A. GOULDEN.	GEO. LIVINGSTON.
JAMES W. GERARD, LL.D.	CHARLES L. HOLT.
WM. J. VAN ARSDALE.	EMILE BENEVILLE, LL.B.
CHARLES C. WEHRUM.	JAMES W. MCBARRON.
HENRY A. ROGERS.	EDWARD P. STEERS.
CHARLES H. KNOX.	R. DUNCAN HARRIS.
ALBERT J. ELIAS.	ALEXANDER S. WEBB, LL.D.

ARTHUR McMULLIN, A.M., SECRETARY.

EDWARD E. VAN SAUN, ASSISTANT SECRETARY.

EXECUTIVE COMMITTEE

FOR THE

CARE, GOVERNMENT AND MANAGEMENT OF THE COLLEGE.

R. DUNCAN HARRIS, CHAIRMAN.

ROBERT MACLAY.	CHARLES STRAUSS.
GEORGE LIVINGSTON.	JAMES W. MCBARRON.
EMILE BENEVILLE.	JOHN L. N. HUNT, LL.D.
EDWARD P. STEERS.	JOSEPH A. GOULDEN.
ALEXANDER S. WEBB, LL.D., <i>Ex-officio</i> .	

OFFICERS
OF
INSTRUCTION, GOVERNMENT, ETC.

ARRANGED IN ORDER OF SENIORITY.

THE PRESIDENT AND PROFESSORS CONSTITUTE THE FACULTY.

ALEXANDER STEWART WEBB, LL.D.,
President.

ROBERT OGDEN DOREMUS, M.D., LL.D.,
Vice-President and Professor of Chemistry and Physics.

ADOLPH WERNER, PH.D.,
Professor of the German Language and Literature, and Secretary to the
Faculty.

ALFRED GEORGE COMPTON, A.M.,
Professor of Applied Mathematics.

CHARLES GEORGE HERBERMANN, PH.D., LL.D.,
Professor of the Latin Language and Literature, and Librarian.

SOLOMON WOOLF, A.M.,
Professor of Descriptive Geometry and Drawing.

GEORGE BENTON NEWCOMB, PH.D.,
Professor of Moral and Intellectual Philosophy.

FITZ GERALD TISDALL, PH.D.,
Professor of the Greek Language and Literature.

JAMES WEIR MASON, A.M.,
Professor of Pure Mathematics.

HENRY PHELPS JOHNSTON, A.M.,
Professor of History.

WILLIAM STRATFORD, M.D., PH.D.,
Professor of Natural History.

CASIMIR FABREGOU, A.M.,
Professor of the French Language and Literature.

GEORGE EDWARD HARDY, A.M.,
Professor of the English Language and Literature.

INSTRUCTORS.

WILLIAM GEORGE MCGUCKIN, A.B., LL.B.,
Instructor in History.

JOHN ROBERT SIM, A.B.,
Instructor in Pure Mathematics.

LEIGH HARRISON HUNT, M.S., M.D.,
Instructor in Descriptive Geometry and Drawing.

IVIN SICKLES, M.S., M.D.,
Instructor in Natural History.

CALVIN RAE SMITH,
Instructor in Descriptive Geometry and Drawing.

CHARLES AVERY DOREMUS, M.D., PH.D.,
Instructor in Chemistry and Physics.

GUSTAVE LEGRAS, B.S.,
Instructor in Pure Mathematics.

LEWIS FREEMAN MOTT, M.S.,
Instructor in the English Language and Literature.

ERNEST ILGEN, A.B.,
Instructor in the German Language and Literature.

TUTORS.

AUGUST RUPP, A.B.

LUIS ALEJANDRO BARALT, A.B., M.D.

HENRY G. KOST, B.S.

L. HEINRICH FRIEDBURG, PH.D.

JOHN ALFRED MANDEL.

WILLIAM FOX, B.S., M.E.

JAMES HERVEY DE GROADT.

C. HOWARD PARMLY, M.S., E.E.

WALTER O'BRIEN, M.D.

FREDERIC E. PERHAM, B.S., LL.B.

STANISLAS C. CONSTANT.

JOHN J. McNULTY, PH.D.
CHARLES A. DOWNER, A.B.
ERNEST N. PERRIN, A.B., LL.B.
HOWARD S. MEIGHAN, B.S.
FREDERICK G. REYNOLDS, B.S.
HAROLD B. LIPPINCOTT, B.S., LL.B.
EDMUND BURKE, A.B.
HENRY S. CARR, A.M.
SAMUEL HANAWAY, B.S.
FRANZ SIGEL, JR., B.S.
GEORGES AUGÉ, A.B.
ARTHUR BRUCKNER, B.S.
CONRAD H. NORDBY, B.S.
ROBERT F. SMITH, B.S.
WALTER TIMME, B.S.

TEMPORARY TUTORS.

GASTON A. LAFFARGUE, A.B.
BERNARD NAUMBURG, A.B.

HENRY MAYELL,
Secretary to the President.
BENJAMIN ARAD SHELDON, PH.D.,
Assistant in Library and Office.
JAMES TOHER,
Assistant in Office and Repository.
HENRY EVELYN BLISS,
Deputy Librarian.
MICHAEL F. BONNEY,
Janitor.
JAMES REED,
Engineer.

THE COLLEGE.

The College of the City of New York, originally entitled the Free Academy, was established in 1848 by the Board of Education of the City of New York, in pursuance of an Act of the Legislature of the State, passed May 7, 1847, and ratified by a vote of the people of the city, June 9, 1847. The first class entered January, 1849, and completed its course in July, 1853. In the year 1854 the Legislature passed a law endowing the institution with collegiate powers and privileges, so far as pertained to the conferring upon its graduates the usual collegiate degrees and diplomas in the Arts and Sciences. In the year 1866, on the recommendation of the Board of Education, the Legislature of the State changed the name to that of "*The College of the City of New York*," and conferred on the institution the powers and privileges of a college, pursuant to the Revised Statutes of the State, rendering it subject to the provisions of the said statutes relative to colleges, and to visitation of the Regents of the University, in like manner with other colleges of the State, and making the members of the Board of Education, *ex-officio*, the Trustees of the College. In 1872 the President of the College was, by Act of Legislature, made a member of the Board of Trustees. In the year 1882 the Legislature repealed so much of the statutes relating to the College as had made one year's attendance at the public schools of the city a requisite for admission, thus opening the College to all young men of the city of proper age and sufficient preparation. Instruction is free; so is the use of text-books and apparatus; and there is no expense whatever to be borne by the students.

TERMS, VACATIONS, DAILY SESSIONS.

The College year begins on the Thursday following the second Monday of September, and closes on the fortieth Thursday thereafter. It is divided into two terms. The first term closes on the fourth Friday of January; the second begins the following Monday.

There are two vacations—the Summer vacation, from the day after Commencement to the Thursday after the second Monday in September, and the Winter vacation, from the 25th day of December to the 2d day of January, inclusive. There are no College exercises on legal holidays, or on any Friday immediately following a legal holiday.

During term-time the exercises begin at 20 minutes to 9 A. M., and continue until all the classes are heard. During the Winter months the sessions may open and close half an hour later.

REQUISITES FOR ADMISSION.

The examination of applicants for admission takes place immediately before the general examination in June. No applicant is admitted to the Sub-Freshman Class unless he be fourteen years of age on or before Commencement Day next following the regular examinations for admission, a resident of the City of New York, and shall have passed a good examination in *Spelling, English Grammar, Arithmetic, Geography, History of the United States*, and in the *Elements of Industrial Drawing*.

No person is allowed to be present at the examinations for admission except the instructors of the College and the members of the Board of Trustees. Neither the names of the candidates nor the schools from which they came are made known to the instructors conducting the examination, but each candidate is designated, during the examination, by a number assigned to him by the President. Candidates who pass a good examination are admitted *on probation for eight weeks*, at the expiration of which those who

have shown the ability to prosecute the prescribed studies have their names entered on the rolls of the College.

In addition to the general examinations in June, special examinations for admission to the higher classes are held on the last Friday in each month.

Any young man, a resident of the city, may be received into any of the higher classes, provided he passes satisfactorily the same examination as the students of the class to which he may seek admission.

To be admitted to examination, candidates present to the President of the College certificates in due form, signed by the Principals of the schools which they have attended, and specifying the dates and length of time of their attendance.

Every student, on leaving the institution, after one year, with a good character, is entitled to a certificate stating the period he has been in the College and the studies there pursued by him, provided he has satisfactorily accounted for all the books and other property entrusted to him; but no student shall receive such a certificate if he be dismissed for misconduct. If a student absents himself for two weeks without permission, his name is stricken from the rolls, and he loses his right to a certificate of good standing on leaving the institution.

COURSES OF STUDY.

There are three courses of study, each of five years' duration. The student, or his parent or guardian, is required to choose one of these courses on entering, and no change from one course to another is permitted, except on passing an examination satisfactory to the Faculty, in the studies that have been pursued by the class which the student desires to join. An outline of the studies in each course is given in the schedule on pages 13 to 23.

The three courses are alike collegiate in character, aiming at general development of the powers of the mind rather

than special preparation for a particular pursuit in life. The Classical Course gives a special prominence to the Latin and Greek languages, but includes one modern language also in the Senior year. It leads to the degree of Bachelor of Arts. In the Scientific and Mechanical Courses, more attention is paid to mathematics and modern languages, but Latin may, at the option of the student, be included in the Senior year in the Scientific Course. These two courses lead to the degree of Bachelor of Sciences.

The Mechanical Course differs from the Scientific Course in giving more prominence to the applications of Mechanical Science during the Senior year and in making practice in the work-shop and mechanical laboratory obligatory to the extent of four hours a week, on an average, during the entire course. The time for this extra work is provided, in part, by the omission of a portion of the work in Natural History and Philosophy and the omission of a third language in the Senior year, and in part by requiring additional hours of attendance at the College, making the total number of hours in this course twenty-three a week, while in the others it is twenty. In addition to the above, a course in Elementary Mechanical Drawing is introduced in place of some of the free-hand drawing in the three lower classes.

In the Classical and Scientific Courses, work-shop practice is permitted in the afternoons, as far as the capacity of the shops will allow, to such students as, in the opinion of the Faculty, can perform this work without interfering with their studies.

In addition to the lectures and recitations indicated in the following schedule, there are exercises in oratory and declamation in the Chapel every morning, when one Senior, one Junior and one Sophomore speak before the whole College.

CLASSICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR--FIRST TERM.

FIRST YEAR—FIRST TERM.		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> <i>Poetical Selections,</i> }	3
Latin.....	<i>Allen and Greenough's Grammar, Leighton's Lessons,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language.....	Abbott's " <i>How to Write Clearly</i> ,"	3
Latin.....	as in first term,	5
Algebra.....	Wentworth,	5
Botany.....	Kellerman,	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics....	as in first term,	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	Graham,	1
Latin.....	{ <i>Herbertmann's Sallust, Allen and Greenough's</i> }	3
	<i>Grammar, Prose Composition,</i>	
Greek.....	<i>Goodwin's Grammar, White's First Lessons,</i>	3
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre</i>	3
Descriptive Geometry.....	<i>Woolf,</i>	3
Zoölogy.....	<i>Lectures and Orton,</i>	2
Compositions.		

SECOND YEAR—SECOND TERM.

English Synonyms.....	as in first term,	1
Latin.....	<i>Cicero's Orations, Grammar and Prose Composition,</i>	3
Greek.....	as in first term, and <i>Goodwin's Xenophon's Anabasis,</i>	3
History.....	<i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. {	<i>Wheeler, Compton's Manual,</i>	3
	<i>Loomis' Logarithms,</i>	
Zoölogy.....	as in first term,	2
Shades and Shadows and Perspective.....		3
Compositions.		

THIRD YEAR—FIRST TERM.

THIRD YEAR—SECOND TERM.

FOURTH YEAR—FIRST TERM.14

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose..... { <i>Brooke, Shaw, and</i> <i>Printed Selections,</i> }	2
Latin..... { <i>Cicero's Letters, Horace's Satires and</i> <i>Epistles, Prose Compositions,</i> }	4
Greek { <i>Grammar and Prose Composition, Selections from</i> <i>Iliad or Odyssey of Homer,</i> }	3
Optics and Astronomy. Lectures and Bartlett, Newcomb,	4
Political Economy..... Lectures and Andrews' Political Economy,	5
Chemical Physics..... as in first term,	2
History..... as in first term,	1
Anthropology, Zoölogy..... as in first term,	1
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

German..... Sheldon's Grammar, Whitney's Reader,		
or		
French { <i>Complete French Course based on Chardenal's, Roemer's</i> <i>Cours de Lecture, Vols. I., II.,</i>		5
or { <i>Ollendorff's Grammar, Morales' Reader, Butler's Phrases,</i>		
Spanish { <i>Iriate's Fables, Roemer's Spanish Polyglot, and English</i> <i>Polyglot,</i>		
Latin..... { <i>Crutwell's Roman Literature, Grammar, Harring-</i> <i>ton's Plautus,</i>		3
Greek { <i>A play of Æschylus or Sophocles or Euripides,</i> <i>Selections from Herodotus and Thucydides,</i> <i>Jevons' Greek Literature, Grammar, Arnold's</i> <i>Prose Compositions,</i>		3
Chemistry..... Bloxam, Clowes' Practical Chemistry,		3
{ Psychology..... Lectures, and Janes' Human Psychology, }		
{ Pedagogics*..... Lectures, }		4
Geology, Mineralogy, and Palæontology..... Lectures and Dana,		1
Æsthetics and the History of Art..... Lectures,		1
Original Declamations.		

FIFTH YEAR—SECOND TERM.

German.....		
or		
French.....	as in first term,	5
or		
Spanish.....		
Latin..... Cicero's De Natura Deorum, Maclean's Juvenal,		3
Greek..... { <i>A play of Aristophanes, Lectures on the</i> <i>Language and Literature, Jevons,</i> }		3
History of Philosophy, Ethics.... Lectures and Elmendorf, Janet, Ueberweg,		4
Chemistry..... as in first term,		3
Geology, Mineralogy, Palæontology..... as in first term,		1
Æsthetics and the History of Art..... as in first term,		1
Original Declamations.		

* Lectures on Pedagogics are delivered during the first term by the Professor of Philosophy.

SCIENTIFIC COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

FIRST YEAR—FIRST TERM.		Hours per week.
English Language.....	{ <i>Brown's Institutes of English Grammar,</i> }	3
	<i>Poetical Selections,</i> }	
French.....	<i>Complete French Course, based on Chardenal,</i>	5
Geometry.....	<i>Davies' Legendre,</i>	5
Anatomy.....	<i>Lectures,</i>	2
Free-hand Drawing from Flat and Round.....		3
Elements of Physics.....	<i>Lectures and Cooley,</i>	2

FIRST YEAR—SECOND TERM.

English Language..... <i>Abbott's "How to Write Clearly,"</i>	3
French..... <i>as in first term, and Roemer's Cours de Lecture, Vol I.,</i>	5
Algebra..... <i>Wentworth,</i>	5
Botany..... <i>Kellerman,</i>	2
Free-hand Drawing from Flat and Round.....	3
Elements of Physics..... <i>as in first term,</i>	2

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms.....	<i>Graham,</i>	1
French.....	{ <i>Roemer's Cours de Lecture, Vol. I., Complete</i> }	3
	{ <i>French Course, based on Chardenal,</i> }	
{ German.....	<i>Eysenbach's Grammar,</i>	2
or.....	{ <i>Ollendorff, Morales' Reader, Butler's Phrases,</i> }	
{ Spanish.....	{ <i>Iriarte's Fables,</i> }	
History.....	<i>Myers' General History,</i>	3
Algebra.....	<i>Loomis,</i>	2
Geometry.....	<i>Davies' Legendre,</i>	3
Zoölogy.....	<i>Lectures and Orton,</i>	2
Descriptive Geometry.....	<i>Woolf,</i>	4
Compositions.....		

SECOND YEAR—SECOND TERM.

English Synonyms.....	<i>as in first term,</i>	1
French... <i>Roemer's Cours de Lecture, Vol. II., and Complete French Course,</i>		3
{ German.....	} <i>as in first term,</i>	2
or		
Spanish.....		
History.....	<i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry.....	<i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. {	<i>Wheeler, Loomis' Logarithms,</i>	3
	<i>Compton's Manual,</i>	
Shades, Shadows and Perspective.....		4
Zoölogy.....	<i>as in first term,</i>	2
Compositions.		

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

	Hours per week.
English Literature.....	<i>Shaw</i> , 2
Rhetoric.....	<i>Genung's Rhetoric</i> , 2
Logic.....	<i>Jevons</i> , 1
French.....	<i>Roemer's Cours de Lecture, Vols. II. and III.</i> , 2
{ German.....	3
or	
{ Spanish.....	
History.....	<i>Thompson's History of England</i> , 2
Spherical Trigonometry, Surveying and Navigation. <i>Wheeler and Docharty</i> ,	3
Free-hand Drawing—Course of Ornament.....	3
Chemistry.....	<i>Clowes' Practical and Analytical Chemistry</i> , 2
Compositions and Declamations.	

THIRD YEAR—SECOND TERM.

English Literature.....	<i>as in first term</i> , 2
Rhetoric.....	<i>as in first term</i> , 2
Logic.....	<i>as in first term</i> , 1
French.....	<i>as in first term</i> , 2
{ German.....	3
or	
{ Spanish.....	
History.....	<i>as in first term</i> , 2
Analytical Geometry.....	<i>Peck</i> , 3
Drawing.—Study of the Human Form.....	3
Chemistry.....	<i>as in first term</i> , 2
Compositions and Declamations.	

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry... <i>Shaw</i> and <i>Printed Selections</i> ,	2
{ German.....	5
or	
{ Spanish.....	
Political Science.....	3
Differential and Integral Calculus.....	<i>Peck</i> , 3
Chemical Physics.....	<i>Fiske, Pynchon</i> , 2
History.....	<i>Lectures and Eliot's History of the U. S.</i> , 1
Acoustics and Optics and Heat.....	<i>Lectures and Bartlett</i> , 3
Anthropology, Zoölogy.....	<i>Lectures and Tenney, and Orton</i> , 1
Original Declamations.	

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose... { <i>Brooke, Shaw and Printed Selections,</i> }	2
{ German..... or Spanish..... }	{ <i>as in first term,</i>
Political Economy..... { <i>Lectures and Andrews' Political Economy,</i>	3
Differential and Integral Calculus..... { <i>as in first term,</i>	3
Chemical Physics..... { <i>as in first term,</i>	2
History..... { <i>as in first term,</i>	1
Acoustics and Optics and Heat..... { <i>as in first term,</i>	3
Anthropology, Zoölogy..... { <i>as in first term,</i>	1
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

{ German..... or Latin..... or Spanish..... }	{ <i>Sheldon's Grammar, Whitney's Reader,</i> <i>Grammar, Leighton's Lessons, Harkness' Cæsar,</i> <i>Herbermann's Sallust,</i> <i>Ollendorff's Grammar, Butler's Phrases, Iriarte's</i> <i>Fables, Roemer's Polyglot Reader,</i>	{	5
{ Psychology..... Pedagogics..... }	{ <i>Lectures and Janes' Human Psychology,</i> <i>Lectures,</i>	{	4
Chemistry.....	<i>Bloxam, Clowes' Practical Chemistry,</i>		3
Mechanics and Astronomy.....	<i>Bartlett,</i>		5
Geology, Palæontology and Mineralogy.....	<i>Lectures and Dana,</i>		1
Æsthetics and the History of Art.....	<i>Lectures,</i>		1
*French or German.....			1
Original Declamations.			

FIFTH YEAR—SECOND TERM.

{ German..... or Latin..... or Spanish..... }	{ <i>as in first term,</i> <i>Grammar, Leighton's Lessons, Chace's</i> <i>Cicero, Frieze's Virgil's Æneid,</i>	{	5
History of Philosophy, Ethics..	<i>Lectures and Elmendorf, Janet, Ueberweg,</i>		4
Chemistry.....	<i>as in first term,</i>		3
Mechanics and Astronomy.....	<i>as in first term,</i>		5
Geology, Palæontology and Mineralogy.....	<i>as in first term,</i>		1
Æsthetics and the History of Art.....	<i>as in first term,</i>		1
French or German.....			1
Original Declamations.			

* In the Senior year the students of the Scientific Course may, at their option, have one lesson a week in French, or in the second modern language.

MECHANICAL COURSE.

SUB-FRESHMAN CLASS.

FIRST YEAR—FIRST TERM.

	Hours per week.
English Language..... { <i>Brown's Institutes of English</i> }	3
French..... { <i>Grammar, Poetical Selections,</i> }	5
Geometry..... <i>Complete French Course, based on Chardenal,</i>	5
Free-hand and Mechanical Drawing..... <i>Davies' Legendre,</i>	3
Elements of Physics..... <i>Lectures and Cooley,</i>	2
Workshop and Mechanical Theory..... { <i>Compton's First Lessons in</i> }	5
	Wood-working, }

FIRST YEAR—SECOND TERM.

English Language..... <i>Abbott's "How to Write Clearly,"</i>	3
French..... <i>as in first term, and Roemer's Cours de Lecture, Vol. I.,</i>	5
Algebra..... <i>Wentworth,</i>	5
Free-hand and Mechanical Drawing.....	3
Elements of Physics..... <i>as in first term,</i>	2
Workshop and Mechanical Theory..... <i>as in first term,</i>	5

FRESHMAN CLASS.

SECOND YEAR—FIRST TERM.

English Synonyms..... <i>Graham,</i>	1
German..... <i>Eysenbach's Grammar,</i>	4
French..... { <i>Roemer's Cours de Lecture, Vol. I.,</i> }	3
	<i>and Complete French Course,</i> }
History..... <i>Myers' General History,</i>	3
Algebra..... <i>Loomis,</i>	2
Geometry..... <i>Davies' Legendre,</i>	3
Descriptive Geometry and Mechanical Drawing..... <i>Wolf,</i>	2
Workshop and Theory.... <i>Compton's First Lessons in Metal Working,</i>	5
Compositions.	

SECOND YEAR—SECOND TERM.

English Synonyms..... <i>as in first term,</i>	1
German..... <i>as in first term,</i>	4
French. <i>Roemer's Cours de Lecture, Vol. II., and Complete French Course,</i>	3
History..... <i>Myers' Modern and Freeman's General Sketch,</i>	3
Geometry..... <i>Davies' Legendre,</i>	2
Plane Trigonometry and Mensuration. { <i>Wheeler, Loomis' Logarithms,</i> }	3
	<i>Compton's Manual,</i> }
Shades, Shadows and Perspective, and Mechanical Drawing.....	2
Workshop and Theory..... <i>as in first term,</i>	5
Compositions.	

SOPHOMORE CLASS.

THIRD YEAR—FIRST TERM.

THIRD YEAR—FIRST TERM.		Hours per week.
English Literature.....	<i>Shaw,</i>	2
Rhetoric.....	<i>Genung's Rhetoric,</i>	2
French.....	<i>Roemer's Cours de Lecture, Vols. II. and III.,</i>	2
German.....	<i>Hauff's Karavane, Eysenbach's Grammar,</i>	3
History.....	<i>Thompson's History of England,</i>	2
Spherical Trigonometry, Surveying and Navigation..	<i>Wheeler, Docharty,</i>	3
Drawing (Mechanical).....		3
Chemistry.....	<i>Clowes,</i>	2
Workshop and Theory...		4
Compositions.		

THIRD YEAR—SECOND TERM.

English Literature.....	<i>as in first term,</i>	2
Rhetoric.....	<i>as in first term,</i>	2
French.....	<i>as in first term,</i>	2
German.....	<i>as in first term,</i>	3
History.....	<i>as in first term,</i>	2
Analytical Geometry.....	<i>Peck,</i>	3
Drawing (Mechanical).....		3
Chemistry.....	<i>as in first term,</i>	2
Workshop and Theory.....		4
Compositions and Declamations.		

JUNIOR CLASS.

FOURTH YEAR—FIRST TERM.

English Language and Literature, Poetry.....	<i>Shaw and Printed Selections,</i>	2
German.....	<i>Pütz's Reader, Eysenbach's Grammar,</i>	3
Political Science.....	{ <i>Lectures, Cooley's and Kent's Constitutional</i> }	3
	<i>Law, Woolsey's International Law,</i> }	
Differential and Integral Calculus.....	<i>Peck,</i>	3
Chemical Physics.....	<i>Fiske, Pynchon,</i>	2
History.....	<i>Lectures and Eliot's History of the U. S.,</i>	1
Drawing.....		2
Acoustics and Optics and Heat.....	<i>Lectures and Bartlett,</i>	3
Anthropology, Zoölogy.....	<i>Lectures and Tenney,</i>	1
Workshop and Theory.....		3
Original Declamations.		

FOURTH YEAR—SECOND TERM.

	Hours per week.
English Language and Literature, Prose..... { <i>Brooke, Shaw and</i> <i>Printed Selections,</i> }	2
German.....as in first term,	3
Political Economy..... <i>Lectures and Andrews' Political Economy,</i>	3
Differential and Integral Calculus.....as in first term,	3
Chemical Physics.....as in first term,	2
History.....as in first term,	1
Acoustics and Optics and Heat.....as in first term,	3
Anthropology, Zoölogy.....as in first term,	1
Workshop and Theory.....	3
Original Declamations.	

SENIOR CLASS.

FIFTH YEAR—FIRST TERM.

Theory of Prime Movers.....	5
{ Psychology.....	} <i>Lectures and Janes' Human Psychology,</i>
{ Pedagogics.....	
Chemistry.....	<i>Bloxam, Clowes,</i>
Mechanics and Astronomy.....	<i>Bartlett,</i>
Geology, Palæontology and Mineralogy.....	<i>Lectures and Dana,</i>
Æsthetics and the History of Art.....	<i>Lectures,</i>
Workshop, Drawing and Theory.....	4
Original Declamations.	

FIFTH YEAR—SECOND TERM.

Theory of Prime Movers.....	5
History of Philosophy, Ethics. <i>Lectures and Elmendorf, Janet, Ueberweg,</i>	4
Chemistry..... <i>as in first term,</i>	3
Mechanics and Astronomy..... <i>as in first term,</i>	5
Geology and Palæontology, Mineralogy..... <i>as in first term,</i>	1
Æsthetics and the History of Art..... <i>as in first term,</i>	1
Workshop, Drawing and Theory.....	4
Original Declamations.	

SCHEDULE

EXHIBITING THE SUBJECTS OF STUDY, TOGETHER WITH THE NUMBER OF WEEKLY RECITATIONS
PER CLASS AND TERM IN EACH SUBJECT.

	SUB-FRESH- MAN CLASS.		FRESHMAN CLASS.		SOPHOMORE CLASS.		JUNIOR CLASS.		SENIOR CLASS.	
	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.	First Term.	Second Term.
LANGUAGES..	English.....	3	3	1	2	2	2	2	..	3
	{ Latin.....	5	5	3	2	2	4	4	3	3
	{ Greek.....	..	..	3	3	3	3	3	3	3
	{ German, or French, or Spanish... or	..	..	..	..	..	..	..	5	5
	{ French.....	5	5	3	2	2	..	..	{ 5	5
HISTORY....	{ German or Spanish*.....	..	..	2	3	3	5	5	5	5
	{ Spanish, German or Latin.....	..	..	..	..	..	..	..	5	5
	Rhetoric.....	..	..	..	2	2	..	..	..	..
	General History.....	..	..	3	..	..	..	..	..	..
	English History.....	..	..	..	2	2	..	..	..	..
PHILOSOPHY..	United States History.....	..	..	..	..	..	1	1	..	..
	Logic.....	..	..	..	1	1	..	..	..	..
	Moral Philosophy.....	..	..	..	..	..	..	..	..	1
	Psychology and Pedagogics.....	..	..	..	..	..	..	..	4	..
	History of Philosophy.....	..	..	..	..	..	..	..	..	3
	Political Economy.....	..	..	..	..	..	..	3	..	..
	Political Science.....	..	..	..	..	..	3	..	..	..

DEPARTMENTS OF STUDY.

The following statements are intended to explain the ground gone over in the several departments and the methods pursued :

ENGLISH LANGUAGE AND LITERATURE.

The training in English commences in the Sub-Freshman year, with a brief but comprehensive review of the analysis of the English sentence. This is immediately followed by instruction in punctuation, based on the structure of the sentence, and by the correction of false syntax. A brief course in the more common figure of speech and in the elements of versification comes next. The student is now required to memorize short poetical selections from the best writers, and his previous training is brought to bear in the minute analysis of these selections, thus thoroughly riveting in his memory his previous instruction. This closes the work of the first term. In the second term *Abbott's "How to Write Clearly"* is the text-book. The sentences are written out at home, and corrected by the student. In the recitation room he is required to give clear reasons for the corrections, based on the principles or rules laid down by the author.

Throughout the Freshman or second year, the entire time, one hour a week, is given to the study of *Graham's Synonyms* in the text, and in the correction of examples. Combined with this there is also instruction given in etymology.

In the Sophomore year the history of English literature is pursued, with *Shaw* as a text-book. A knowledge of the chronological arrangement of English authors, their chief works, together with the leading facts in their lives, is what is chiefly aimed at. The importance of being able to fix the time and place in English literature of leading authors cannot well be over-estimated. Rhetoric, *Genung's*, is begun and finished during the year, and written com-

positions are required from the entire class during both terms.

The students are now prepared for the higher instruction in English Language and Literature during the Junior year. The text-book is here thrown aside, and oral lectures, together with the reading of selections, form the business of the year. The Professor reads to the students and the selections are in their hands while he reads. In this way he endeavors to create and strengthen a taste for the best prose and poetry. The first term's work deals entirely with poetry, the second term's with prose. The aim of both terms is to furnish a philosophical classification of writers, through analysis and criticism. In the second term, in particular, the reading and analysis of the prose writers enables the instructor to give special attention to the striking characteristics of the great masters of English prose. The instruction of the second term deals also with the condition of the language in the fourteenth century, and proceeding onwards, develops, through the selections and readings, the gradual progress of English speech to our own times.

Compositions are required from Juniors and Seniors during both term. After having been examined by the Professor, these compositions are delivered as orations on the Chapel stage.

LATIN LANGUAGE AND LITERATURE.

This department comprises a longer and a shorter course. The five years' course begins, in the Sub-Freshman Class, with the elements of the language, and includes the authors generally studied in colleges. That the students in this College are enabled to cover so much ground in five years is due to several causes. In the first place, they begin the study at a much more advanced age than boys in classical preparatory schools. In the next place, considerable time is devoted to it in the two highest classes, where in many colleges it disappears wholly from the plan of studies.

Again, the training proceeds upon a uniform method from first to last. Lastly, the thoroughness of the College examinations secures classes of nearly uniform acquirements, so that the progress of the class is not retarded by the presence of ill-prepared students.

As the object of all good teaching is to make the scholar independent of the teacher, the department aims, above all else, to impart to the students correct methods. Hence, two years are devoted wholly to the study of the prose writers, on which the syntax is based (*Cæsar, Cicero, Sallust*). Only when the students are able to feel a deviation from the rules there laid down do they take up *Virgil* and *Horace*, and the ante-classic and post-classic writers. To keep before them the ideal of classic prose, some of *Cicero's writings* are read in the Junior and Senior years. To make the study of Latin a means of acquiring a more thorough command of the mother tongue, idiomatic translation is insisted on. While grammatical construction is everywhere carefully explained, care is taken that the scholar shall not forget that, in every literature, language is but the dress of thought. Hence the subject matter is explained thoroughly and illustrated by reference to history, mythology, art, social and political antiquities, law and etymology.

A course of one year is open to such of the Scientific Seniors as elect it. Their previous language studies enable them to make rapid progress. They read selections from *Cæsar* and *Sallust*, an oration of *Cicero* and a book of *Virgil*.

GREEK LANGUAGE AND LITERATURE.

The study of Greek is begun in the Freshman year. The students learn the paradigms, the orthography, and the general rules of syntax, complete a course of fifty-five lessons in *White's Lessons in Greek*, and read two chapters of the first book of the *Anabasis*.

In the Sophomore year Etymology and the general rules of Syntax are thoroughly reviewed and the details studied.

There are weekly exercises in the elements of Greek prose composition.

Selected passages are read in the first four books of the *Anabasis*, the *Memorabilia* and a dialogue of *Plato*; about fifty pages in all. In the first the attention of the students is directed to the historical and geographical allusions, and in the last two, in addition to these, to the doctrines and opinions propounded. During this year a parallel is drawn between the Greek and Latin syntax, thereby greatly aiding the student; and the difference of the English idioms dwelt upon.

In the Junior year the exercises in composition are continued. Attention is directed to the formation of words. Either three popular orations of Demosthenes or selections from the *De Corona* are read, with attention to history and geography, and a critical analysis of the orator's style. About two books of either the *Iliad* or the *Odyssey* are read, attention being given to the scansion and Homeric syntax and dialect; and the Homeric question is presented.

The Seniors read selections from Herodotus and Thucydides, accompanied with criticism of the styles and short lectures on the historical episodes discussed. Also there are read portions of a tragedy and an entire comedy. Lectures are given on the drama and theater, and on the Greek language and literature, and students are informed, from time to time of the results of archæological research in Greece and countries under ancient Greek influences.

FRENCH LANGUAGE AND LITERATURE.

The *Complete French Course*, based on Chardenal, is the first book for the Sub-Freshman year. One lesson a day is studied during the first term, and the exercises attached to it are written at home. During the second term two lessons of the same book are studied every week, and selections from the exercises are written. A dictation in French and exercises of selected English sentences are given weekly in the class-room during the whole year.

A systematic study of the conjugations is taken up early and continued until completed.

The first volume of *Roemer's Cours de Lecture et de Traduction* is studied three days in the week during the second term.

The teaching is, as far as practicable, carried on in French.

In the Freshman year, the work consists, *first*, of oral translation from the French, based upon logical and grammatical analysis, and *second*, of oral and written phraseological exercises, both by imitation and by application of the grammar. A dictation in French is given weekly in the class-room during the whole year. The study of Chardenal is completed.

In the Sophomore year, the time is devoted, *first*, to translations in English, and re-translation of the same passages into French; *second*, to exercises written at home and in the class-room.

In the optional Senior course of one hour weekly, *Made-moiselle de la Seiglière, comédie, par Jules Sandeau*, and one *comédie* of Molière are read critically.

For students of the Classical Course who elect French in the Senior year, the course is so modified as to apply to advantage their previous training, especially their knowledge of Latin.

The text-books used in this department are the *Complete French Course*, based on Chardenal, and *Roemer's Cours de Lecture, Etude Raisonnée, Contes et Mélanges, Histoire et Roman Historique*, Sandeau and Molière.

GERMAN LANGUAGE AND LITERATURE.

Eysenbach's Grammar is introduced at the beginning of the Freshman year—during which it is the only book put into the students' hands—continued at the rate of one lesson a week through the Sophomore year, and of two lessons a week through the Junior year, at the close of which it is completed. In the Sophomore and Junior years selections.

in prose and verse are read. Those students who choose to continue in this department through the Senior year read in Goethe, also a comedy and a scientific essay; they are exercised in composition and conversation.

In the one-year Senior course, also, the work proceeds in the direction above stated; but, of necessity, is less extended.

In both courses poetry is memorized, and prose is so learnt that the students can produce the German when the teacher gives the translation.

SPANISH LANGUAGE AND LITERATURE.

The study of the Spanish language and literature is carried on in all courses.

The scientific students begin Spanish in the Freshman year. The elements of the language are acquired by the study of selections from *Butler's Phrase Book*, and the reading of selections in prose and verse from *Iriarte* and *Morales' Reader*.

In the Sophomore year, *Quintana's Lives* are read, exercises in dictation are added, and *Sales' Grammar*, and *Pizaro's Phrases* are used.

The Juniors review the grammar by the study of *Sales' work*; they translate Moratin's comedy *El si de las Niñas*, and selections from *Don Quijote*; make oral and written translations of English selections of various styles; write Spanish compositions; and study Spanish versification and literature.

The work of the Classical students in the Senior Class does not differ materially from that outlined above, except as it is affected by the shortness of the course; which is, however, in a degree compensated for by the greater maturity and better preparation of the class.

HISTORY.

The History course extends through the Freshman, Sophomore and Junior years in all the courses. The Freshman

Class study *Myers' General and Modern History* and *Freeman's General Sketch*, with map illustrations and exercises.

This general view of the history of Europe is succeeded, in the Sophomore Class, by the thorough study of English History. *Thompson's History* is taken as a guide, but the instructors add largely, by explanation and lecture, to the matter contained in the text-book.

In the Junior year, lectures are delivered upon American topics, the aim of the course being not only to extend the student's knowledge in this field, but also to lead him into critical and comprehensive methods of studying the history of his own country. The important events from the period of discovery to the present times are examined mainly with reference to their causes and influence, while due attention is paid to institutional history. Topics such as the following are treated: The gradual unfolding of the New World to the Old; the struggle for possession here by European powers; Colonial life and tendencies; the growth of liberty and of local self-government, involving the relation of American history to English; the Revolution; the new order of things; history of American politics, etc. Students are called upon to discuss the subjects in the class-room, where they also become familiar with the standard, and, as far as possible, original authorities on American history. *Eliot's History of the United States* is used as a reference book.

The Historical Cabinet contains a collection of electro-types of nearly four hundred of the finest ancient coins in the British Museum; the obverse and the reverse of each coin being shown. The arrangement exhibits, chronologically and geographically, the history of coinage from 700 B. C. to the Christian era. An additional section, one of a small number yet seen in the United States, exhibits the most famous medallions struck from A. D. 1 to 217. The whole collection is the gift of the Class of '75.

PHILOSOPHY.

The studies in this department are commenced in the

Sophomore year. Logic, deductive and inductive, is then studied, as a discipline preparatory to the whole course. *Jevons' Lessons* is used as a text-book, and the students are taught to apply logical principles by means of numerous exercises, written and oral.

The philosophical studies of the Junior year are in the field of political and social science. The first term is devoted to political science. A course of lectures is given, indicating the foundations of law and government in human nature, tracing the growth of law and governmental forms and the development of the modern constitutional state, and discussing questions in the philosophy of government and legislation. American constitutional law is studied in *Cooley's* and *Kent's* expositions, with comparisons of our own and other systems. A brief view of international law is given, *Woolsey's* manual being used as a basis. In the second term economic science is taken up; the intimate connection of the economic with the political structure and development of society having already been considered, the study continues to be one of social development, but in its economic phase. Andrews' text-book is used with extended comments, and lectures are given on leading points in the history and theory of political economy; and in applied political economy such questions as those of money and of finance in the United States are examined.

The Senior year studies are, Psychology, Philosophy and Ethics. The principles of Pedagogics, as based in Psychology, are treated of, in connection with Psychology, but in a separate course of lectures on theory of teaching.

The instruction of the year is chiefly by lectures, with selections from manuals and with directions for reading. In Psychology, the treatment is descriptive and explanatory, due attention being given to Physiological Psychology, and large reference made to the results of recent experimental work; and it is aimed, without dwelling

on philosophical questions, to make the study lead up to philosophy.

The subjects of the second term are, History of Philosophy and Ethics. The philosophical doctrines and systems of most historic importance are, as far as time permits, examined, and the development of speculative thought traced, to aid in elucidating the principal questions now discussed by philosophers. Especial consideration is given to political, educational and ethical theories, and select topics in practical ethics are discussed, with the aid of *Janet's Manual*.

Theses on assigned topics in the course are prepared and discussed by students during the Junior and Senior years.

MATHEMATICS.

The course in Pure Mathematics is the same for all students as far as the close of the Sophomore year.

The Sub-Freshman Class study *Davies' Legendre* through the fifth book, with additional problems and theorems from the appendix and elsewhere, and *Wentworth's Algebra* from the beginning to Equations of the Second Degree.

The Freshman Class complete the Geometry; they study Mensuration and Plane Trigonometry, using *Wheeler's Treatise* as a text-book, and higher Algebra, including the theory of Logarithms from *Loomis' Treatise*; and are practiced in logarithmic computation, using *Compton's Manual*.

In the first term the Sophomore Class go through *Wheeler's Spherical Trigonometry*, and are taught *Surveying and Navigation* orally, and in the second term study *Peck's Analytical Geometry*, embracing the Geometry of Three Dimensions as far as Surfaces of Revolution.

Mathematics is not obligatory upon classical students beyond the Sophomore year; but such as may elect to pursue the study join the students of the Scientific and Mechanical

Courses in the study of Calculus, which is the work of the Junior year. *Peck's Treatise* is used as a text-book, and is completed as far as the Applications to Mechanics and Astronomy.

APPLIED MATHEMATICS.

In the Scientific Course, the studies of Pure and Applied Mathematics afford the student such intellectual training and such knowledge of Mathematics, Mathematical Physics, Mechanics and Astronomy as to lessen materially the time that will be required for the study of a specialty in any of the schools of civil, mechanical or mining engineering. A graduate of good standing in the Scientific or the Mechanical Course will be able to master in two years, or less, the studies usually pursued in such schools.

In the Scientific and Mechanical Courses, in the Junior year, while the student is acquiring, in the department of Pure Mathematics, the knowledge of the Calculus necessary for the study of Analytical Mechanics, he attends recitations and lectures on Acoustics and Optics, only such elementary mechanical principles being taught as are necessary to the understanding of those subjects. Near the end of the Junior year the study of *Bartlett's Analytical Mechanics* is commenced, and it is continued during the first term of the Senior year. Much additional matter is given in the way of illustrations and problems applying the principles taught to practical ends. In the second term of the Senior year the subject taught is Spherical Astronomy. The endeavor is made to show how the science has grown up, how its discoveries have been made, how it explains the phenomena of the heavens, to teach the general principles of the adjustment and use of instruments, and the methods of making and recording observations, and the application of astronomy to the uses of the surveyor and the navigator.

In the Mechanical Course further application is made of the principles of mechanics, to the study of the forms and functions of the parts of engines, the theory of prime

movers, and the construction, testing and management of engines.

The scope of the instruction in the Classical Course is less extended. All that is sought is to give a general idea of the principles of Mechanics, Acoustics, Optics and Astronomy, with very little Mathematical Analysis. Of the four hours per week allotted in the Junior year to this department, generally about three are given to lectures and one to recitations.

CHEMISTRY AND PHYSICS.

The instruction in Chemistry is divided into an elementary and advanced grade.

The first is open to the students of the Sophomore Class. Two hours a week are spent in the Laboratory. *Clowes' Practical Chemistry* is the text-book followed, and the students are provided with all the necessary apparatus to perform the experiments described. Manipulation of the gases is succeeded by a course in qualitative analysis.

The advanced grade is for the students of the Senior Class. Three hours a week are given to the study, one lecture on General Chemistry, and two hours in the Laboratory. *Bloxam's* is used as a text-book of Chemistry, while *Clowes' Practical Chemistry* serves to complete the study of qualitative analysis. The laboratory instruction for the Senior Class follows a prepared synopsis. Through the study of Chemical Physics described below, the students of the advanced Chemical course are enabled to make use of apparatus essential to the thorough study of General Chemistry. In addition to the problems in qualitative analysis and chemical physics, the advanced grade provides for instruction in the outlines of Applied Chemistry, and of volumetric and quantitative analysis.

The equipment of the Chemical Laboratory is very complete; its arrangement, as well as that of the desks, offers many facilities. The Lecture-room, which adjoins the Laboratory, is provided with the necessary conveniences for

lecture illustration. There is a collection of the ores and other natural specimens sufficient to illustrate the chief forms in which the elements occur. The College owns a set of charts, made by a draughtsman especially employed.

The subjects of Heat, Light and Electricity, and such other parts of Physics as have a direct bearing on Chemistry, are taught in this department.

Two lectures are given each week on general experimental physics to the students of the Sub-Freshman Class. These lectures are fully illustrated by experiments and charts. The students are required to take notes; they are marked upon the correctness and fullness of these notes. *Cooley's Physics* is given as a text-book for home study.

The students of the Junior Class listen to one lecture a week, and have one hour in the Laboratory devoted to study of themes bearing either upon the generation of the forces of nature or of those closely allied to the thorough comprehension of Chemical Physics.

The Cabinet of Physical Apparatus is provided with instruments. There are about 2,300 pieces of Physical Apparatus. A special Laboratory for the manipulation of the apparatus adjoins the one used for Chemistry. Besides this, there is a Balance-room which contains some fine instruments. A Dark-room serves for demonstration in the use of the Spectroscope and Polariscope and in Photography. There is also a Photo-metric room. The Photometer is arranged for the comparison of two gases as well as for the determination of the candle-power of one. The College dynamo-machines, four in number, supply the electric currents necessary for experimentation and lantern projection.

Pyncheon's Chemical Physics and *Fiske's Electrical Engineering* are used as the text-books for the advanced grade. Notes must be taken of the lectures, and also of the experiments performed in the Laboratory, and reports from these submitted.

NATURAL HISTORY.

The arrangement of the studies in this department is as follows :

SUB-FRESHMAN—	{ Anatomy. } { Botany. }	Two hours per week.	{ Lectures. Text-book (<i>Kellerman</i>).
FRESHMAN—Zoölogy.		Two hours per week.	{ Text-book (<i>Orton</i>) and Lectures.
JUNIOR—Anthropology.		One hour per week.	Lectures and <i>Orton</i> .
SENIOR—	{ Mineralogy. Palæontology. } { Geology. }	One hour per week.	{ Text-book (<i>Dana</i>) and Lectures.

As the object of the instruction is to teach the students to observe carefully, to record accurately—to know the thing *itself*—the class-room work is made, as far as possible, practical.

The course is essentially a *biological* one. The general relations of the inorganic and organic worlds, the phenomena of life, and the structure and life history of typical plants and animals are taught.

A good museum furnishes a great part of the material needed for illustration and study. Mounted specimens, photographs and dissections prepared in the College are being constantly added.

MUSEUM OF NATURAL HISTORY.

The collections contain 8,500 specimens: 550 plants, 750 of vertebrata, 3,000 of invertebrata, 2,000 of minerals and 2,100 of minerals, rocks and fossils. The card catalogue of the specimens is well under way.

A number of conchological specimens were added to the collections during the past year, and many objects for instruction in the several courses. Case-room has been provided for a part of these additions.

In addition to the material purchased by the College, the following gifts have been made :

1. Birds' Eggs (Collection of) Mr. Bashford Dean.
2. Birds of State of N. Y. (100 Spec.) . Mr. Louis A. Zerega.
3. Brush-making Materials Messrs. F. W. Devoe & Co.
4. Butterflies and Moths (500 Spec.) . Mr. H. J. Muller.

5. Conchological Specimens.....Smithsonian Institution.
6. " " { Mr. Townsend Harris.
Pres. A. S. Webb.
Prof. R. O. Doremus.
7. Corals of Florida (Collection of)...Lieut.-Col. Walter McFarland, U. S. A.
8. Craniological Specimens.....Smithsonian Institution.
9. Entomological Collection.....Mr. Bashford Dean.
10. Fishes (500 Spec.), largely South }
 American } Commissioner E. G. Blackford.
11. Fossils and Reptiles.....Prof. S. Woolf.
12. Fossils of S. Carolina (Collection of) Mr. William T. Rodenbach.
13. Grains (Specimens of)New York Produce Exchange.
Pres. Alex. S. Webb.
Nathaniel Jarvis, Jr.
H. R. Remsen.
14. Ichthyosaurus Communis..... }
Edward Cooper.
Jackson Steward.
William Wood.
David Dudley Field.
15. Leathers (Fancy).....Messrs. Tiffany & Co.
16. Linens, Silks, Furs, Cottons....." E. J. Denning & Co.
17. Miscellaneous Textile Fabrics....." Claflin & Co.
18. Set of Whaling Harpoons (11 Spec.) Mr. Bashford Dean.
19. S. American Woods (60 Specimens) Messrs. T. D. & L. Hirsch.
20. Unios of the United States.....Dr. Isaac Lea, Philadelphia.
21. Vegetable Fibers.....Mr. J. H. Hollis, Cotton Exchange.
22. Wading Birds (25 Specimens)... }
 Game Fishes of Florida..... } Mr. W. H. Chesebrough.
23. Woods (Foreign and Fancy)Messrs. J. L. Daniels & Co.
24. Woolen Fabrics....." Arnold, Constable & Co.
25. Wools....." Mangers & Avery.

DESCRIPTIVE GEOMETRY AND DRAWING.

The Sub-Freshman Class is practiced in Drawing in outline from the flat and the round, in surface shading and in elementary perspective. The students draw geometrical forms, architectural and other ornaments of various styles, and the human head from the flat.

The Freshman Class is instructed in Descriptive Geometry, the professor's *Elements of Descriptive Geometry* being used as a book of reference. The instructor lectures and demonstrates at the blackboard; and the students solve every problem graphically in their drawing-book. The subject is carried through Sections and Intersections.

Tangency and Development, and practical applications are made. Practice in the elements of tinting is also afforded from time to time. In the second term, the subjects pursued are Shades and Shadows, and Perspective. Shadows are determined in artificial and natural light; the general principles of reflection are taught. Application is made occasionally to mechanical, architectural and artistic drawing.

In the Sophomore year, the students draw from the Cast, either ornaments or organic forms, according to individual ability; they shade in charcoal, crayon, etc.

The professor delivers to the Senior Class a series of lectures on *Æsthetics*, and the History of Art and the several arts.

In the Mechanical course the work of the other courses is modified by the introduction of Elementary Mechanical Drawing. Students are required to take notes of lectures and make free-hand sketches in the class-room which are afterwards to be elaborated into finished drawings to a scale. Occasional tasks for home work are likewise given.

In the Sub-Freshman Class one-half the time is devoted to free-hand work similar in character to that of the other collegiate courses. The mechanical drawing for the same period consists of lettering, simple working-drawings, wood joints, journals, rivets, bolts, keys, simple couplings, cranks, etc.

In the Freshman Class the work is confined to theoretical drawing similar to that taught in the other collegiate courses.

In the Sophomore Class the entire time is employed in Mechanical Drawing. The various points of the steam engine are explained, and the students are required to make finished drawings in *ink*, in the class-room. For that purpose sketches and models are freely used.

The Junior Class takes up tinting and shading, together with the study of the remaining unexplained parts of machinery, including gear-wheels, etc.

The slide valve and link motion are studied theoretically in the Senior Class. In addition to this, the students are taught elementary designing and proportioning of parts of engines.

The casts belonging to this department are very fine, most of them having been taken from early moulds. The collection contains many beautiful examples of the Phidian era, the most notable being a large number from the Frieze of the Parthenon, and a few of the best preserved metopæ; the heroic statues of Theseus and Cephissus; a caryatid from the Erechtheion. These copies of the Elgin Marbles were given by Charles M. Leupp, Esq. There are, furthermore, the busts of Jupiter from Otricoli, the Venus of Milo, the Venus of Arles, Juno, the Apollo Belvedere, the Belvedere Torso, and examples of the work of Michael Angelo, Cellini and Thorwaldsen.

This department also makes use of a collection of about 275 photographs, the gift of the Class of '75, framed and hung in the halls of the College, illustrating the architecture and sculpture of the Greeks and Romans, early Christian and Renaissance painting in Italy, and a number of the most noted buildings of all European countries. Each print is marked with the name, the date of production and the present location of the subject represented. East Indian architecture is likewise illustrated by a number of photographs lately purchased by the College.

THE LIBRARY.

The Library of the College contains 28,733 volumes. These are distributed in classes as follows:

Theology	850	Spanish Literature.....	198
Philosophy.....	1,345	Italian ".....	73
Law.....	445	Latin ".....	640
Mathematics	450	Greek ".....	678
Physics.....	2,134	Classical Philology.....	136
Natural History.....	1,206	Literature in General.....	231
Medicine.....	252	Linguistics.....	774
Science, History of.....	51	Fine Arts.....	974
History.....	6,409	Bibliography.....	197
Biography	1,800	Works of Reference.....	678
Voyages and Travels.....	1,136	Periodicals.....	3,392
English Literature.....	2,955	Unclassified	157
German.....	790		
French.....	782		
			<hr/> 28,733 <hr/>

Books may be taken from the Library by the students as well as the instructors; by the Alumni upon a deposit of ten dollars; and by the teachers of the common schools of the city.

The books have been purchased with the money apportioned to the College, while known as the Free Academy, as its share of the Literature Fund of the State; from the income of \$5,000 bequeathed by Mr. Ephraim Holbrook; from the income of \$30,000 bequeathed by Mr. Seth M. Grosvenor; and with money which has at various times been appropriated by the Board of Trustees. Many books have been presented by publishers and others.

THE WORKSHOP.

Connected with the College is a workshop in which instruction is given in mechanical manipulation and the elements of mechanical theory. The shop is a room 118 feet by 35 feet, divided into four nearly equal parts. Of these, the first, the wood-working room, contains fifteen double benches, with closets and tools, for a class of thirty. The second, for forge and vise-work, contains six forges, twenty anvils, two benches with fifteen vises, a bench for moulding, and an assortment of forge and vise tools. It has accommodations for a class of thirty pupils. The third, or lathe room, contains twenty-six speed lathes, for wood or metal turning, four engine lathes, a planer, a circular saw, and two testing machines, affording, like the others, accommodations for thirty students. The fourth contains a horizontal steam engine of 25 horse-power, which drives the lathes and grind-stones, as well as the dynamos which furnish electric currents for experimental purposes and for the illumination of the shops. There is in an adjoining room a gas-engine of 8 horse-power to take the place of the steam-engine when less power is required, and also a small vertical steam-engine, so arranged that it may be taken apart by students to allow of the study of its construction.

The Course of Study in the workshop extends over the whole five years of the Mechanical Course, and over such portion of this time as may be found practicable for those students of the other courses who may elect it. For the complete course, the exercises and studies in the shop are as follows :

First Year—Theory and use of wood-working tools ; properties, defects, treatment and preservation of timbers ; use of testing-machine in the testing of timber.

Second Year—Theory and use of metal-working tools ; properties of metals and modes of working and testing them.

Third Year—Joining metals by riveting, soldering and brazing ; use of the speed lathe ; study of the parts of the steam-engine from drawings, models, descriptions and examination of engine.

Fourth Year—Use of the engine lathe ; screw cutting, boring, turning, facing ; measures of precision ; scraping, finishing and fitting.

Fifth Year—Strength of materials ; proportioning of parts of engines ; managing and testing of engines.

DISCIPLINE.

Every student shall conduct himself according to the rules of good manners, good morals and manly propriety ; shall give punctual and constant attention to all his duties ; shall use the property of the institution with care and economy, and restore the same when required. Violations of the rules of the College and of property are visited with punishment, which varies according to the gravity of the offense, from demerit marks and formal admonition to suspension by direction of the President, and dismissal by vote of the Faculty. No student is demerited without receiving notice of the fact and the reason. A student who has received 100 demerit marks in one term, or 175 in one academic year, must leave the College.

EXTRACT FROM THE RULES OF THE FACULTY OF THE
COLLEGE OF THE CITY OF NEW YORK.

1. Every periodical or paper published by students, and sold or distributed by them within the College, shall have printed upon it the name of the Managing Editor, who shall be a student.

2. No such periodical or paper shall be sold or distributed in this College until the President shall be satisfied that the foregoing regulation has been complied with.

3. It shall be the duty of the Managing Editor to exclude from the columns of the College publication controlled by him all discourteous remarks, and all remarks whatsoever on the Officers, or Management of the College.

4. For any infraction of the preceding rules the Managing Editor shall be held responsible.

5. No periodical or paper, whose Managing Editor has violated the preceding rules, shall be sold or distributed in the College, while he remains the Editor.

EXAMINATIONS.

There are two examinations of all the students in all departments each year. The first is held at the close of the first term in January. It extends over a fortnight, and is really a rapid review of the studies of the term. It is conducted by means of oral recitations, and in accordance with the schedule of recitations pursued during the term. The difference lies mainly in the greater length of the daily lessons and the omission of explanations on the part of the instructor. If, upon the termination of this review, it appears to the Faculty that a student has fallen so far behind as to make it unprofitable for him to attempt to proceed or to make him a drag upon his class, he is not allowed to continue with it. The second examination is held at the close of the second term, in June; it extends over eight working days. It is conducted mainly in writing, so that all the students in the class are examined at the same time

and subjected to the same tests. The results of the examination are carefully considered by the Faculty. Those students who have done but indifferently in all or many of the studies, and those who are seriously deficient in several, and it may be in only one, are not advanced. They may, if their parents desire it, devote another year to the same division of the course; but no student is allowed to go over the same grade more than twice.

ALLOWANCE OF MARKS.

1. No student who is absent from any College exercise during the term, except as stated in Rule 3, shall receive any mark for the same until he has given to the President a sufficient explanation of his absence, and to the Instructor satisfactory evidence, *within one week after such absence*, of having performed the duty assigned for the time of his absence.

2. No marks shall be allowed for absence more than twice in any one term, nor for more than five consecutive days of absence in one term, except on a vote of the Faculty in each case.

3. For one day's absence in each term the President may, at his discretion, direct that a student shall be allowed his average mark for the fortnight in which such absence occurred.

4. In the Examination Review, marks may be allowed for absence of two days, and no more, if the student pass on examination in the work of the days of his absence.

5. A student absent from the Examination for Advancement, for good cause, may be examined subsequently for the purpose of determining whether he shall be advanced or not. But no mark shall be given for such examination. At the close of the student's course, however, the Faculty may, on his application, allow for the examinations from which he was absent the average mark of the student in all the examinations in the same department.

MERIT ROLL.

The Merit Roll is made up immediately after the second examination, and is published once a year. On this roll each student is ranked according to his standing in his class, determined by his merit-marks received for study and conduct during the two terms and at the examinations.

The Merit Roll maximum for each term in any subject is ascertained by multiplying the number of recitations in a week in that subject by one hundred; one-half of this maximum is for the term work, and one-half for the examination.

The maximum of conduct for a term is two hundred, and the conduct mark of each student is determined by deducting from such maximum all his demerit marks.

On the Merit Roll the students are classified Highest, High, Good and Low.

The student who has the greatest number of marks in his class ranks Highest.

Students rank High the total of whose marks, in study and conduct together, equals or exceeds eight-tenths of the maximum.

Students rank Good the total of whose marks equals or exceeds six-tenths of the maximum.

The remaining students rank Low.

A copy of the Merit Roll is sent to the parent or guardian of each student.

COMMENCEMENT.

The Commencement of the College is held on the fortieth Thursday after the opening of the first Term.

COMMENCEMENT HONORS.

1. Not more than six orations and dissertations shall be delivered by the students at Commencement.

2. No oration or dissertation shall occupy more than ten or less than seven minutes in its proper delivery.

3. The orators at Commencement shall be the first six members of the Graduating Class in rank, counting from the beginning of the Freshman year to the close of the Senior year.

4. The Valedictory oration shall be the first honor, and the Salutatory shall be the second ; the remaining honorary orations shall be numbered according to the rank of the students.

5. If any of these Honor-men, except the Valedictorian and the Salutatorian, have not received eight-tenths of the maximum in Oratory (Composition and Delivery), during the Senior year, their names shall be entered on the programme, marked Excused, and suitable substitutes, in order of rank, shall be appointed.

6. When the student below the sixth rank is thus appointed his oration shall be entered on the programme as a dissertation. The dissertations shall be numbered according to the rank of the students appointed to deliver them.

*“ Extracts from the Minutes of the Faculty of
December 22, 1884.”*

1. On or before the first of April of each year the students of the Senior Class shall hand to the President an original composition, written as a graduation thesis, which shall contain not less than seven hundred words, nor more than nine hundred words, and which shall be examined by the Professor of the English Language and Literature, and marked on a scale of 50.

2. Any student who shall receive less than 60 per cent. shall be rated deficient, and such deficiency shall be counted a deficiency in one of the branches of study in determining the student's graduation.

3. An Honor-man not otherwise disqualified shall deliver his Graduation thesis on Commencement, if in the opinion of the President and the Professor of the English Language and Literature the merits of the composition warrant public

presentation; otherwise the author shall not speak at Commencement, but be marked "Excused" on the programme of Commencement exercises and a suitable substitute shall be provided.

4. No oration shall be delivered at Commencement, unless it have been duly rehearsed before the Professor of the English Language and Literature, or in case the Professor request it, before some other officer of the College, designated by the President. Each oration shall be finally rehearsed at least once in the College Chapel and once in the hall where the commencement exercises are to take place; and no student shall be allowed to speak at the Commencement unless his declamation be satisfactory to the officer before whom he has rehearsed, nor unless he have acquired such command of his oration as to be able to speak it without the aid of a prompter.

MEDALS AND PRIZES.

THE PELL MEDALS.

In 1849, Duncan C. Pell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the student who shall rank highest in all the studies of the year taken together; and in 1856, the donor authorized the trustees of the fund to devote a portion of the income to the provision of a silver medal, to be given to the student who shall rank second.

THE CROMWELL MEDALS.

In 1850, Charles T. Cromwell, Esq., by the gift of \$500, established a gold medal, to be awarded annually to the best scholar in History and Belles-Lettres; and in 1856, the donor authorized the provision of a silver medal for the second scholar.

THE WARD MEDALS.

In 1853, Augustus H. Ward, Esq., established twenty bronze medals to be awarded annually, each for one of the

studies appointed, to the student of most proficiency therein, provided he shall have regularly pursued such study for not less than two months of the collegiate year then closing; a student gaining one medal not to be precluded from obtaining others at the same time or subsequently.

The subjects are: Chemistry, Natural History, Natural Philosophy, Moral Philosophy, Political Science, English, Greek, Latin, French, Spanish, German, Oratory, Composition, Logic, Astronomy, History, Drawing, Algebra and Geometry, Descriptive Geometry, Botany.

THE RIGGS MEDALS.

In 1864, Elisha Riggs, Esq., by the gift of \$1,000, established a gold medal, to be annually awarded to the author of the best English Prose Composition in the Senior Class, and a gold medal to be awarded to the author of the best English Prose Composition in the Junior Class; any surplus of income to be applied by the Trustees to further, in any way they may think best, the design of the donor to stimulate the cultivation of English Composition in the College of the City of New York. The competition is open to all who have received not less than four-fifths of the maximum in English Composition from the beginning of the Junior year. The names of the competitors must be handed to the President on or before the second Monday in February. The essays must be handed in on the first Monday in June.

THE CLAFLIN MEDALS.

In 1871, John Claflin, Esq., by the gift of \$1,250, established two gold and two silver medals, to be awarded as follows:

A gold medal to the student of the Senior Class who shall pass the best competitive examination in Greek; a gold medal to the student of the Junior Class who shall pass the

best competitive examination in Latin; a silver medal to the student of the Freshman Class concerning whom the Professor of Greek shall certify that he has made the greatest proficiency in that department; and a silver medal to that student of the Freshman Class who shall receive a corresponding certificate from the Professor of Latin.

PRIZES FOR DECLAMATION.

PROSE.

In 1852, the President of the Board of Education offered a prize for excellence in public speaking, to be called the PRIZE OF THE PRESIDENT OF THE BOARD OF EDUCATION; and the successive Presidents of the Board have continued it.

The six speakers contending for this prize are chosen by their classmates, two from each of the three higher classes. Only such students are eligible as have not received fifty demerit marks during the first term, or twenty-five during the second term preceding the day of the election. They speak selected pieces. The prize is awarded by a committee of gentlemen having no relation to the College and selected by the donor.

POETRY.

For thirty-eight years the late Professor Roemer provided anonymously a prize for the best declamation of poetry. In recognition of this fact and in honor of his memory and the name, the ROEMER PRIZE was established by officers of the College and several graduates. The trustees of the fund (of \$300) are the Chairman of the Executive Committee, the President of the Associate Alumni, and Russell Sturgis, Ph.D. The competitors are a Senior, a Junior and a Sophomore, selected from and by their several classes, in the same manner as the competitors for the prize of the President of the Board of Education. The declamations are delivered on the same occasion and judged by the same judges.

THE KELLY PRIZES.

In 1868, James Kelly, Esq., by the gift of \$1,000, established two prizes. One prize is given to the best debater in the Literary Societies: three contestants being chosen by the Clionian Society, and three by the Phrenocosmian. The President of the Board of Trustees selects the subject and submits it to the Faculty for approval. The debate is held in the College Chapel during the week preceding Commencement.

The other prize is given to the member of either society who shall write the best critique on some work of English literature. The subject is announced before the Christmas vacation, and the essays must be handed in on the first Monday in June.

The judges of the debate are selected by the President of the Board of Trustees; the judges of the essays are the President of the College, the Professor of History and the Professor of the English Language and Literature.

THE F. W. DEVOE & Co. PRIZES.

In 1885, Messrs. F. W. Devoe & Co. offered two prizes, each to consist of a set of drawing instruments of the value of twenty-five dollars, for proficiency in the Mechanical Arts. They are to be awarded by a committee, consisting of the President of the College, the Chairman of the Executive Committee of the Board of Trustees, and the Professor of Applied Mathematics, to the student of greatest merit, in the first and second years respectively, of the Workshop Course. Students of the Classical and Scientific Courses may compete. The merits of the competitors are to be judged by the excellence and quickness of their work, and by the improvement made by them during the year.

THE KETCHUM PRIZES.

In May, 1891, Alexander P. Ketchum, Esq., put into the hands of a committee, composed of the Chairman of the Board of Trustees, the President of the College, and the Pro-

fessor of Moral and Intellectual Philosophy, a sum of money sufficient to secure to the Department of Philosophy funds to provide annually four prizes, to be awarded to those students of the Senior and Junior Classes giving the best written evidence of proficiency in Philosophy and Political Economy at the June Examinations in those subjects.

THE BENNETT PRIZE IN POLITICAL SCIENCE.

Mr. James Gordon Bennett, on May 11, 1893, offered \$1,000 to the Trustees of the College for the endowment of an annual prize under the following terms :

“ The amount to be invested and kept invested, and the income thereof, or a medal of equal value, to be given annually upon Commencement Day to the undergraduate member of the Senior Class who shall have taken the prescribed course of the institution in Political Science and English Literature, and who shall have prepared the best essay in English prose upon some subject of American governmental domestic or foreign policy of contemporaneous interest.

“ The subjects to be selected and announced, the rules of competition formulated and the decision rendered by the Faculty of the College.”

Mr. Bennett's gift was accepted by the Trustees.

SERENA MASON CARNES PRIZE.

The Board of Trustees of the College of the City of New York accepted a prize of one hundred dollars, to be known as the SERENA MASON CARNES PRIZE, given by Mr. Mason Carnes, for the best translation of one or more scenes, chosen by the Professors of the French, German and Spanish Languages and Literature, by the students of the College above the Freshman Class.

PRIZE OF THE NATIONAL SOCIETY OF THE SONS OF THE AMERICAN REVOLUTION.

The National Society of the Sons of the American Revolution offered to the College, for competition, a large handsome silver medal, to be awarded by the Faculty on behalf

of the Society, for the best essay, containing not less than 1,600 and not more than 2,000 words, upon the "Principles Fought for in the Amercian Revolution." The Board of Trustees accepted the prize.

CLASSICAL SCHOLARSHIPS.

This College being, through the action of its officers and Alumni, associated with eighteen of the leading universities and colleges in the United States, in support of the American School of Classical Studies at Athens, the School is open to any properly qualified graduate of this College. Those desiring to avail themselves of this privilege should apply to the Professor of Greek for information and a certificate of scholarship.

DEGREES.

The degree of *Bachelor of Arts* is conferred on those students who have completed the Classical Course; that of *Bachelor of Sciences* on those who have completed either of the Scientific courses.

The Faculty recommends no student for a degree whose average standing in the studies of the Senior year has fallen below six-tenths of the maximum. Every member of the graduating class is required to write a composition for oral delivery, to be sent in four weeks before Commencement.

A Bachelor of Arts or of Sciences may be recommended for the degree of Master of Arts or of Sciences, on the following conditions:

1. He shall, at the date of the Commencement at which the degree is to be conferred, have been graduated at least three years.

2. He shall have been engaged for at least two years in the study of some literary or scientific subject, and shall furnish, as evidence of such study, either the diploma of the college or school which he has attended, or a detailed statement of the subjects and books which he has studied.

3. He shall present to the Faculty, at least six weeks

before the Commencement, a thesis, satisfactory both in matter and style, on some subject connected with his studies, accompanied by a declaration that such thesis is his own work.

THE ASSOCIATE ALUMNI.

The College has graduated in forty-one classes, from 1853 to 1894, 1,629 men, of whom about 1,350 are living. These are associated under the name of "The Associate Alumni of the College of the City of New York." The annual meeting is held on the day after the Commencement, at the College building. The officers for the present year are:

<i>President</i>	CHARLES E. LYDECKER, '71.
<i>Vice-President</i>	JOHN HARDY, '53.
<i>Secretary</i>	JOHN WELDON, JR., '61.
<i>Treasurer</i>	SAMUEL A. TUSKA, '84.
<i>Historian</i>	JOHN SHERMAN BATTELL, '73.

STUDENTS' AID FUND.

In 1857, the Associate Alumni established a fund for the purpose of assisting such students as might otherwise find difficulty in completing their collegiate course. This fund is maintained by contributions from the Alumni. The management of the fund is committed to five trustees, who loan, without interest, such sums as they think proper to deserving students; and neither the names of those to whom the loans are made, nor the amounts of the loans, are known to any but the trustees and the auditors of the fund:

The following are the present trustees, to whom application may be made:

JOHN HARDY, '53.....	265 Broadway.
ALFRED G. COMPTON, '53.....	At the College.
CHARLES L. HOLT, '53.....	188 Front Street.
EVERETT P. WHEELER, '56 ...	45 William Street.
JOHN R. SIM, '68.....	At the College.

LITERARY SOCIETIES.

Two Literary Societies, the Clonian and the Phrenocosmian, are connected with the College. They are devoted to the cultivation of the arts of composition, oratory and debate and the promotion of friendly intercourse between students.

Weekly meetings are held during the collegiate year. The exercises consist of the reading of an essay and a selection, the delivery of a declamation or an oration, and the debate of a question previously appointed. A magazine is also read at intervals, to which the members contribute, anonymously, articles of a lighter nature than the essays. The Clonian library, containing many valuable books, and the Phrenocosmian reading-room, where may be found the leading magazines and periodicals of the day, are in two of the side rooms of the Chapel, and are open to the members every afternoon of the College week.

COMMENCEMENT.

JUNE 18, 1894.

The following award of Medals and Prizes was made according to the terms and conditions heretofore mentioned:

THE PELL MEDALS.

First, Gold.....CHARLES DERLETH, JR.....Senior.
Second, Silver.....JESSE W. EHRLICH.....Senior.
Certificate of equal merit with the Gold Medalist to ALFRED BANCROFT CLARKE of the Senior Class.

THE CROMWELL MEDALS.

SOPHOMORE CLASS.

First, Gold.....SAMUEL A. TANNENBAUM.
Second, Certificate.....SAMUEL BARIT.
Third, Certificate.....RUDOLPH C. POKORNY.
A certificate of equal merit with R. C. POKORNY to CHARLES SINDELAR.

THE WARD MEDALS.

Chemistry.....CHAS. DERLETH, JR.....Senior.
Natural History.....CHAS. DERLETH, JR.....Senior.
Natural Philosophy.....CHAS. DERLETH, JR.....Senior.
Moral Philosophy.....JESSE W. EHRLICH.....Senior.
Political Science.....EVERETT B. HEYMANN.....Junior.
English.....ISRAEL DAVIDSON.....Junior.
Greek.....JESSE W. EHRLICH.....Senior.
Latin.....BERNARD NAUMBURG.....Senior.
French.....JESSE W. EHRLICH.....Senior.
Spanish.....LEON B. GOLDRICH.....Senior.
German.....ALFRED WEIL.....Junior.
Oratory.....LAURENS A. COOK.....Sophomore.
Composition.....MICHAEL R. WALSH.....Senior.
Logic.....EDWARD KASNER.....Sophomore.
Astronomy.....ALFRED B. CLARKE.....Senior.
History.....HARRY C. KROWL.....Sophomore.
Drawing.....REEVE TURNER.....Sophomore.
Algebra and Geometry.....LOUIS SALANT.....Sub-Freshman.
Descriptive Geometry.....ROB'T S. HAIGHT.....Freshman.
Botany.....RALPH S. MAYHEW.....Sub-Freshman.

Certificates of equal merit with those who received the medals were awarded, as follows :

French	{	ISIDORE FRIESNER.....	Senior.
		RUDOLPH POKORNY.....	Sophomore.
		LEWIS TRUCKENBRODT.....	Sophomore.
Algebra and Geometry...		ARTHUR Y. HANSON.....	Sub-Freshman.
Spanish.....		LEO SCHAFRANSKY.....	Junior.

THE RIGGS MEDALS.

SENIOR CLASS.

SUBJECT: "Public Opinion and Legislation".....BERNARD NAUMBURG.

JUNIOR CLASS.

SUBJECT: "Influence of the Puritan Revolution, 1642, Upon the American, 1776".....ARTHUR K. KUHNS.

THE CLAFLIN MEDALS.

SENIOR CLASS—Greek.

FRANK T. KNOWLES.

JUNIOR CLASS—Latin.

SIGMUND REICH.

FRESHMAN CLASS.

Greek.....BERNARD J. COOPER.

Latin.....BERNARD J. COOPER.

THE PRIZES OF THE PRESIDENT OF THE BOARD OF EDUCATION.

Prose Declamation.....JOHN PETER SMITH.....Junior.

Poetry Declamation.....CHAS. SUMNER BEAUBIAN.....Senior.

Honorable mention (Prose).. WALTER J ROSENSTEIN.....Senior.

" (Poetry).. WM. J. EHRHARD.....Sophomore.

THE KELLY PRIZES.

FOR THE BEST CRITIQUE. SUBJECT: Prescott's "Conquest of Mexico."
BERNARD NAUMBURG.....Senior.....Of the Phrenocosmian Society.

THE BELDEN MEDALS.

JUNIOR CLASS.

First, Gold Medal.....HARRY C. KROWL.

Second, Silver Medal.....HENRY I. LURYE.

Third, Silver Medal.....WALTER M. WECHSLER.

SOPHOMORE CLASS.

First, Gold.....	RUDOLPH C. POKORNY.
Second, Silver.....	EDWARD KASNER.
Third, Silver.....	MANFRED W. EHRRICH.
Fourth, Silver.....	J. HARPER JASPER.
Certificate.....	LOUIS R. LAWYER.

THE F. W. DEVOE PRIZES.

Wood-working.....	EUGENE C. JAUSS.....	Sub-Freshman.
Metal-working.....	ROSCOE V. WOLFE.....	Freshman.
Certificate.....	HARRIS LEVENTHAL...	Sub-Freshman.

THE KETCHUM PRIZES.

SENIOR CLASS—HISTORY OF PHILOSOPHY.

First Prize	JESSE W. EHRRICH.
Second Prize.....	ALFRED B. CLARKE.

JUNIOR CLASS—POLITICAL ECONOMY.

First Prize.....	EVERETT B. HEYMANN.
Second Prize—Equal merit.....	{ WALTER M. WECHSLER. JOHN EWEN.

BENNETT PRIZE.

BERNARD NAUMBURG.....	Senior.
-----------------------	---------

HONORS.

The honors at Commencement were :

First (Valedictorian).....	JESSE W. EHRRICH.
Second (Salutatorian).....	CHARLES DERLETH, JR.
Third	OSWALD SCHLOCKOW.
Fourth.....	BRADNEY BEVERLY GRIFFIN.
Fifth.....	BERNARD NAUMBURG.
Sixth.....	LEO. B. MEYER.

Honorable mention is made of LEON W. GOLDRICH, WILLIAM F. KURZ, JR., JACOB CHARLES WESCHLER, EMIL A. RUNDQUIST, BENJAMIN G. PASKUSZ, ISIDORE FRIESNER, for having obtained over eighty-five per cent. of the maximum of marks from the beginning of the Freshman year to the end of the Senior year.

DEGREES CONFERRED.

MASTER OF ARTS.

SAMUEL JACKSON BEACH, A.B., Class of 1872.

BACHELOR OF ARTS.

GEORGE BINGHAM FOWLER, M.D., Class of 1869.

EDWARD HOMER WELLMAN, Class of 1879.

BARRETT, SYDNEY H.
BEAUBIAN, CHARLES S.
EHRICH, JESSE W.
FRIESNER, ISIDORE.
GREENBAUM, SAMUEL W.
GREEN, LEO.
HAAS, ARTHUR C.
HEYLMAN, HENRY B.
HIRSH, WILLIAM H.
HYMAN, JULIUS.
KLEIN, LEO W.
KNOWLES, FRANK T.

MEYER, LEO B.
MICHAELIS, ALFRED.
NAUMBURG, BERNARD.
O'NEILL, CHARLES E.
PASKUSZ, BENJAMIN G.
PICK, LOUIS.
ROSENBAUM, ALEXANDER.
SILBERSTEIN, ELIAS.
TURRELL, GUY H.
WALSH, MICHAEL R.
WESCHLER, JACOB C.
WIENER, FREDERICK.

BACHELOR OF SCIENCES.

BECKHARDT, MOSES.
BRANDEIS, JULIAN W.
CAHN, EMANUEL S.
CLARKE, ALFRED BANCROFT.
DERLETH, JR., CHARLES.
DEWEY, JOHN A.
DONOHUE, THOMAS M.
DOUGLAS, JOHN.
EISING, EUGENE H.
FOX, DAVID J.
FRANK, JEROME.
FREUND, CHARLES.
FREY, LOUIS J.
GAGE, STANLEY A.
GOLD, WILLIAM.
GOLDRICH, LEON W.
GRIFFIN, BRADNEY B.

HAAS, LEOPOLD G. W.
HARTMANN, EDWARD M. M.
HERZOG, HARRY L.
KURZ, JR., WILLIAM F.
LASKI, LEON.
LEFKOWITZ, DAVID.
LEVY, SAMUEL.
McCORMACK, RICHARD F.
MARTIN, EDWARD J.
OPPENHEIMER, MILTON B.
ROSENSTEIN, WALTER J.
ROURKE, CORNELIUS S.
RUNDQUIST, EMIL A.
SAVAGE, JOSÉ R. F.
SCHLOCKOW, OSWALD.
STRASBURGER, EDGAR.
WURTZ, LIONEL.

COLLEGIATE CALENDAR.

1894-1895.

1894.

Sept. 13. Thursday.—Commencement of First Term.

Nov. 6. Tuesday.—Election Day.

Nov. 29. Thursday.—Thanksgiving Day.

Dec. 25. Tuesday.—

1895.

Jan. 2. Wednesday.—

} WINTER VACATION.

Jan. 11. Friday.—End of First Term.

Jan. 14. Monday.—Review Examination commences.

Jan. 25. Friday.—Review Examination ends.

Jan. 28. Monday.—Commencement of Second Term.

Feb. 22. Friday.—Washington's Birthday.

April 12. Friday.—Good Friday.

May 17. Friday.—End of Second Term.

May 20. }

} Examinations for Admission and Advancement.

June 10. }

May 30. Thursday.—Memorial Day.

June 14. Friday.—Prize Speaking.

June 20. Thursday.—Commencement.

June 21. Friday.—

} SUMMER VACATION.

Sept. 11. Wednesday.—

Sept. 12. Thursday.—Commencement of First Term.

BOARD OF TRUSTEES.

NAME.	RESIDENCE.	PLACE OF BUSINESS.
Beneville, Emile, LL.B.	414 East 116th Street.....	140 $\frac{1}{2}$ Nassau Street.
Coleman, James S.	38 East 69th Street.....	16 Exchange Place.
Elias, Albert J.	18 West 71st Street.....	1119 Third Avenue.
Gerard, James W., LL.D	17 Gramercy Park.....	54 William Street.
Goulden, Jos. A.	2433 Creston Avenue.....	239 Broadway.
Guggenheimer, Randolph....	16 East 81st Street.....	46 Wall Street.
Harris, R. Duncan.....	117 East 34th Street.....	35 William Street.
Holt, Charles L.	117 West 130th Street.....	188 Front Street.
Hubbell, Charles B.	143 West 64th Street.....	2 Wall Street.
Hunt, John L. N., LL.D....	207 West 69th Street.....	137 Broadway.
Knox, Charles H.	757 Madison Avenue.....	54 William Street.
Livingston, Geo.	358 West 23d Street.....	435 Broadway.
MacLay, Robert.	50 West 57th Street.....	432 Canal Street.
McBarron, James W.	283 East Broadway.....	283 East Broadway.
Moriarty, Thaddeus	39 West 130th Street.....	209 Park Row.
O'Brien, Miles M., LL.D....	135 West 71st Street.....	224 Church Street.
Rogers, Henry A.	347 West 57th Street.....	19 John Street.
Steers, Edward P.	2076 Fifth Avenue.....	153 E. 25th Street.
Strauss, Charles.	137 West 95th Street.....	237 Broadway.
Van Arsdale, Wm. J.	110 Bank Street.....	
Webb, Alexander S., LL.D ..	15 Lexington Avenue.....	College.
Wehrum, Chas. C.	315 East 20th Street.....	
Arthur McMullin, A.M., Secretary; office, Hall of the Board of Education.		
Edward E. Van Saun, Assistant Secretary; office, Hall of the Board of Education.		

OFFICERS OF THE COLLEGE.

Augé, Georges L.....	Tutor.....	270 West 43d Street.
Baralt, Luis A.....	Instructor.....	134 West 74th Street.
Bliss, Henry E.....	Dep'y Libra'n.....	397 St. Nicholas Ave.
Bruckner, Arthur.....	Tutor.....	523 East 83d Street.
Burke, Edmund.....	Tutor.....	156 East 48th Street.
Carr, Henry S.....	Tutor.....	202 West 103d Street.
Compton, Alfred G.....	Professor.....	40 West 126th Street.
Constant, Stanislas C.....	Tutor.....	142 East 48th Street.
De Groatd, James H.....	Tutor.....	288 Summit Ave., Jersey City.
Doremus, Charles A.....	Tutor.....	59 West 51st Street.
Doremus, R. Ogden.....	Professor.....	241 Madison Avenue.
Downer, Charles A.....	Tutor.....	21 East 130th Street.
Engelsman, Gabriel.....	Tutor.....	62 East 120th Street.
Fabregou, Casimir.....	Professor.....	111 West 130th Street.
Fox, William.....	Tutor.....	West New Brighton, S. I.
Friedburg, L. Heinrich.....	Tutor.....	384 Monroe Street, Brooklyn.
Hanaway, Samuel.....	Tutor.....	1139 Madison Ave.
Hardy, Geo. E.....	Professor.....	228 West 105th Street.
Herbermann, Charles G.....	Professor.....	223 West 25th Street.
Hunt, Leigh H.....	Tutor.....	Flushing, L. I.
Ilgen, Ernest.....	Tutor.....	369 Herkimer Street, B'klyn.
Johnston, Henry P.....	Professor.....	37 East 50th Street.
Kost, Henry G.....	Tutor.....	310 East 116th Street.
Laffargue, Gaston A.....	Tutor.....	215 East 53d Street.
Legras, Gustave.....	Tutor.....	44 East 79th Street.
Lippincott, Harold E.....	Tutor.....	230 West 76th Street.
Mandel, John A.....	Tutor.....	Astoria, L. I.
Mason, James Weir.....	Professor.....	32 West 129th Street.
Mayell, Henry.....	Secretary.....	17 Lexington Avenue.
Mayne, Richard E.....	Tutor.....	152 East 60th Street.
McGuckin, William G.....	Tutor.....	307 West 76th Street.
McNulty, John J.....	Tutor.....	58 Morton Street.
Meighan, Howard S.....	Tutor.....	45 East 9th Street.
Mott, Lewis F.....	Tutor.....	367 West 19th Street.
Naumburg, Bernard.....	Tutor.....	124 West 64th Street.
Newcomb, George B.....	Professor.....	256 West 57th Street.
Nordby, Conrad H.....	Tutor.....	30 West 132d Street.
O'Brien, Walter.....	Tutor.....	304 Clinton Street, Brooklyn.
Parmly, C. Howard.....	Tutor.....	344 West 29th Street.
Perham, Frederick E.....	Tutor.....	Yonkers, N. Y.
Perrin, Ernest N.....	Tutor.....	111 West 124th Street.
Reynolds, Frederick G.....	Tutor.....	140 West 132d Street.
Rupp, August.....	Tutor.....	439 East 87th Street.
Sickels, Ivin.....	Tutor.....	West Nyack, N. Y.
Sigel, Franz, Jr.....	Tutor.....	563 Mott Avenue.
Sim, John R.....	Tutor.....	New Rochelle, N. Y.
Smith, Calvin R.....	Tutor.....	293 Decatur Street, Brooklyn.
Smith, Robert F.....	Tutor.....	287 West 4th Street.
Stratford, William.....	Professor.....	263 West 52d Street.
Timme, Walter.....	Tutor.....	2 Riverview Terrace.
Tisdall, Fitz Gerald.....	Professor.....	2005 Fifth Avenue.
Webb, Alexander S.....	President.....	15 Lexington Avenue.
Werner, Adolph.....	Professor.....	339 West 29th Street.
Woolf, Solomon.....	Professor.....	261 West 134th Street.
Bonney, Michael F.....	Janitor.....	College Building.
Reed, James.....	Engineer.....	College Building.

STUDENTS.

SENIOR CLASS.

Adler, Maximillian L., 14 Attorney st.
Allen, William Cremer, 324 West 48th street.

Allmuth, Frank A., 161 East 72d st.
Appel, Israel, 164 Clinton street.

Bennett, Thomas Archie, 72d street and Central Park West.

Bloomberg, Harry A., 141 E. 56th st.

Boyer, Wilbur Sarles, 321 W. 85th st.

Burke, John J., 156 East 48th street.

Cairns, Bayard S., 40 Grove street.

Cameron, Walter S., 730 Ninth ave.

Curtis, Harry J. A., 142 East 36th st.

Davidson, Israel, 110 East B'way.

Deignan, J. Herbert, 854 E. 134th st.

Dillenberg, Joseph, 325 East 62d st.

Dryfoos, Arthur D., 22 West 69th st.

Ehrhorn, Oscar Weeks, 215 Ninth ave.

Eisner, Jerome, 158 East 72d street.

Elias, Heyman Ralph, 95 7th st.

Fisher, Henry, 108 East 70th street.

Flaum, Julius Arthur, 156 Rivington street.

Friedman, Joseph P., 32 Ridge st.

Galicenstein, Clarence, 129 W. 132d st.

Guion, Clarence Childs, 1383 Washington avenue.

Heymann, Everett Bernard, 134 East 80th street.

Hirsch, I. Henry, 59 East 86th st.

Hollander, Edward, 26 Delancey st.

Hudson, Wilbur G., 73 West 131st st.

Krowl, Harry C., 213 West 104th st.

Langer, Samuel, 138th street and Amsterdam avenue.

Lewis, Maurice Barnett, 235 Division street.

Litter, Ferdinand J., 1816 Anthony avenue.

Lockhart, Robert J., 312 W. 21st st.

Loos, Hermann Andreas, 119 East 115th street.

Lucke, Charles E., Marble Hill, Kingsbridge.

Lurye, Henry I., 23 Jefferson street.

Mack, Mortimer Clarence, 228 West 82d street.

Mahoney, Jeremiah Titus, 118 East 93d street.

Martin, Harold Metcalf, 311 West 101st street.

Martin, Thomas A., 436 Lenox ave.

Mehrtens, Henry Edward, 280 Third avenue.

Menline, Isaac, 356 East 69th street.

Mohr, Albert Gustav, 17 Bedford st.

Neill, John Campbell, 128 W. 100th st.

O'Grady, Cornelius, 1062 Forest ave.

Reich, Sigmund, 239 East 104th st.

Roberts, John Stacey, 1599 Lexington avenue.

Robinson, Franklyn Whittman, 620 East 135th street.

Rosenbaum, William, 253 W. 121st st.

Saunders, George Crosby, 104 West 93d street.

Schafransky, Leo, 1644 Madison ave.

Smith, Charles B., 251 W. 127th st.

Smith, John P., 355 West 17th street.

Stark, Meyer Maurice, 87 Baxter st.

Stiefel, Otto August, 68 East 122d st.

Sullivan, Franklin Curtis, 1050 Trinity avenue.

Tarler, A. Lawrence G., 425 E. 116th street.

Tombo, Rudolf, Jr., 2 Ridge Place,
Mott Haven.
Valk, Francis M., 163 East 37th st.
Wechsler, Martin, 236 East 85th st.
Wechsler, Walter Mortimer, 132 W.
74th street.

Weil, Alfred, 172 East 94th street.
Werdenschlag, Arthur, 140 West
48th street.
Woolf, Harry, 138th street, Amster-
dam avenue.

JUNIOR CLASS.

Adelsohn, Jonas, 1685 Lexington ave.
Alexander, Bernhard, 33 Pitt street.
Alexander, Jerome, 147 East 62d st.
Allmuth, Alfred, 161 East 72d st.
D'Arteaga, Jules F., 206 W. 121st st.
Barit, Samuel, 101 Division st.
Berger, Benjamin, 372 East 10th st.
Bernstein, Eugene Paul, 227 East
116th street.
Beyer, Emil, 1441 Avenue A.
Biehn, Martin John, 245 W. 24th st.
Brustlein, C. H., 108 Lexington ave.
Carlson, C. O., 203 Lexington ave.
Celler, Herbert L., 61 West 94th st.
Clark, George M., 613 East 136th st.
Corse, Arthur W., 129 West 94th st.
Crandell, Paul M., 47 West 126th st.
Cunningham, Joseph A., 80 East 9th
street.
Curtis, Adrian T., 142 East 36th st.
Dithridge, Edward L., 44 Lorillard
street, Fordham.
Dreyfus, Fred. J., Jr. I., 45 E. 92d st.
Dryfoos, Walter, 22 West 69th st.
Ehrhard, William Joselin, 315 East
29th street.
Ellis, Rudolph Pell, 323 W. 29th st.
Ellison, Millard Henry, 48 E. 87th st.
Feinberg, Henry G., 160 Broome st.
Fernbach, Robert Ludwig, 228 East
61st street.
Ferris, George J., 87 Dey street.
Flanagan, Edward, 19 West 98th st.
Franklin, William Kernan, 95 Green-
wich avenue.
Gabriel, Bernard L., 739 E. 139th st.
Gandolfo, Joseph Harrington, 245
East 19th street.

Gans, Moses J., 411 East 51st street.
Geoghegan, Joseph G., 20 E. 73d st.
Gershel, Milton, 69 East 121st street.
Glück, Emil, 138th st. and Tenth ave.
Goldberg, Lawrence, 316 E. 116th st.
Goodman, Abraham H., 86 Hester st.
Goodman, Joseph, 611 6th street.
Gordon, Frederick Bianchi, 245 West
132d street.
Greenbaum, Max, 354 E. Houston st.
Hamburger, Max Sigmund, 222 East
58th street.
Hartman, William Lewis, 375 2d st.
Heil, Joseph S., 104 East 81st st.
Hoffman, Samuel, 425 East 80th st.
Kolman, Anton, 716 East 164th st.
Hubschmitt, A. Wendell, 408 E. 52d st.
Hunt, Frederick Lincoln, 318 West
121st street.
Hyams, Benno, 59 East 108th street.
Jacobowitz, Louis, 138th street, and
10th avenue.
Jameson, Chas. Baring, 47 W. 132d st.
Jarmulowsky, Harry, 102 E. 60th st.
Jasper, J. Harper, 130 West 123d st.
Kasner, Edward, 52 Catharine street.
Kempner, Milton, 143 Suffolk street.
Kennedy, John S., 183 West 101st st.
Kenney, Edward J., 408 Madison st.
Knox, Herbert Allan, 472 Mott ave.
Kridel, Alexander Hayes, 15 East
77th street.
Kues, George August, 521 E. 82d st.
Lawyer, Louis Rossell, 342 W. 32d st.
Lee, James T. A., 235 East 124th st.
Lesc, Frederick, 231 East 60th street.
Levine, David, 736 Lexington ave.
Levy, Henry 333 East 84th street.

Lippe, Adolphus A., 423 E. 116th st.
 McDowell, Alex. H., 457 W. 21st st.
 Marks, Louis, 230 East 68th street.
 Martin, Norman, 786 East 142d st.
 Martin, U. F., 438 West 47th street.
 May, Peter, 393 East 8th street.
 Meyer, Albert S., 157 West 126th st.
 Moschcowitz, E., 364 West 55th st.
 Mund, Conrad, 308 East 62d street.
 Murray, Hugh C., 155 West 83d st.
 Nathans, Thomas A., 163 East 93d st.
 Nelson, Isaac, 116 East 81st street.
 Petersen, August, 436 East 89th st.
 Peyser, Harold, 225 East B'way.
 Phillips, Harry Meyer, 221 Division street.
 Plonsky, Samuel E., 50 West 88th st.
 Pokorny, Rudolph C., 501 East 72d st.
 Reinhardt, George F., 114 E 82d st.
 Rippe, Maurice L., 24 Division st.
 Rosenbaum, Isadore, 64 Sheriff st.
 Rosensohn, William, 49 Eldridge st.
 Rosenstein, Ernest, 33 East 63d st.
 Rosett, Louis J., 1676 Avenue A.
 Sadofsky, Isaac, 227 Cherry street.
 Scherr, Emilius W., Jr., 2014 Seventh avenue.
 Schlosser, Jacques, 2 East 92d street.
 Schlueter, Edward H., 528 E. 12th st.

Schroedel, Frederick, J., 136 First avenue.
 Schoenfeld, Jacob Mylburn, 293 East 7th street.
 Sindelar, Charles, 1506 Avenue A.
 Sladovnik, Charles, 306 East 46th st.
 Smallen, Hugh J., 352 College ave.
 Sommerich, Otto C., 572 Park ave.
 Son, Jacob A., 1636 Madison avenue.
 Spingarn, Arthur Barnett, 118 East 58th street.
 Strobel, August C., 2308 First ave.
 Strobel, Walter E., 164 W. 105th st.
 Taylor, Albert S., 1279 Franklin ave.
 Thellusson, Charles Francis, 204 Elm street.
 Truckenbrodt, Lewis, 222 E. 75th st.
 Valentine, Morris C., 259 W. 131st st.
 Van Brakle, John O., 252 W. 133d st.
 Vermilya, Frank B., 36 W. 128th st.
 Volckhausen, William C., 169 East 73d street.
 Wagner, Oscar, 60 East 93d street.
 Wechsler, Samuel, 236 East 85th st.
 Will, Herbert Warner, corner 169th street and Webster avenue.
 Wright, Alfred A., 163d street and Sheridan avenue.
 Zevie, Simon, 72 Division street.

SOPHOMORE CLASS—CLASSICAL COURSE.

Anspacher, Louis Kaufman, 18 East 119th street.
 Arnstein, Max Leopold, 114 E. 72d st.
 Aronson, Edward A., 8 Barrow st.
 Aronson, Jacob, 8 Barrow street.
 Bachmann, Isaac D., 119 W. 131st st.
 Bendell, Henry J., 133 East 12th st.
 Birnbaum, Martin, 336 East 26th st.
 Brandt, O. Rutherford, Kingsbridge.
 Briner, Emil Amandus, 620 Lexington avenue.
 Browne, Robt. L., 207 West 16th st.
 Buerger, Leo, 204 East 116th street.
 Clarke, Robert A., 657 Western Boulevard.

Coleman, William A., 850 Lexington avenue.
 Cooper, Bernard J., 601 East 11th st.
 Dearborn, Frederick M., 146 West 57th street.
 De Witt, Walter G., 163 W. 21st st.
 Eberhardt, Henry A., 253 W. 35th st.
 Elgas, William Taylor, 121 W. 87th st.
 Elliott, Maxwell Hall, 25 E. 129th st.
 Ernst, Irving Leo, 1464 Lexington avenue.
 Foehrenbach, Herman, 356 W. 46th st.
 Fox, Solomon, 345 Spring street.
 Fried, Isidor, 470 East Houston st.
 Gentzlinger, Charles Frederick, 320 East 41st street.

Geoghegan, Walter Foley, 20 East 73d street.

Gombarts, George, 69 Columbia st.

Greener, Russell Lowell, 29 West 29th street.

Hahn, Joseph, 284 East 4th street.

Harris, Maxwell S., 8 Barrow street.

Harris, Tudor Reed, 328 W. 76th st.

Herbert, Le Roy Bedford, 182 East 64th street.

Jellinghaus, Charles Frederick, 45 St. Mark's Place.

Keschner, Moses, 124 Sheriff street.

Krampner, William, 262 East Houston street.

Landau, Berthold, 310 East 3d street.

Lewine, J. Lester, 813 Lexington ave.

Lieberman, Jonas, 1905 Second ave.

Mandel, Morris, 736 Lexington ave.

Mayhew, Karl Siegfried, 1963 Seventh avenue.

Newman, Joseph, 310 East 119th st.

Newman, Pincus, 262 2d street.

Orcutt, Cevendra Blake, 424 W. 57th st. street.

Patri, Angelo, 2184 First avenue.

Paul, Francis Hugh Joseph, 516 West 47th street.

Pretzfeld, Charles Joseph, 152 East 61st street.

Pugliese, Anthony, 403 E. 113th st.

Rafferty, James Albinus, 141 West 62d street.

Ray, David Heydorn, 416 W. 55th st.

Reinhardt, Emanuel, 243 7th street.

Reisman, Samuel, 56 Broome street.

Remenitsky, Joseph, 142 Columbia st.

Roll, John Krapp, 35 7th street.

Scheibel, Henry, 129 Cannon street.

Schultz, Alfred Paul, 288 Broome st.

Schwed, Frederick, Hotel St. Lorenz.

Sinclair, Upton Beale, Jr., 101 West 81st street.

Springmeyer, Charles Edwin, 522 East 119th street.

Stern, Arthur Joseph, 202 E. 52d st.

Stern, Edwin Hyman, 133 E. 80th st.

Stern, Paul, 332 East 4th street.

Stern, Simon Theodore, 50 West 97th street.

Stern, Sydney Wilfred, 59 E. 75th st. Sugarman, Solomon Charles, 217 Henry street.

Swan, Giles John, 160 West 29th st.

Weinberg, Ralph, 166 East 72d st.

SOPHOMORE CLASS—SCIENTIFIC COURSE.

Adams, Francis Alexandre, 101 West 89th street.

Bernheimer, Clarence G., 156 West 97th street.

Bernstein, Harold de F., 152 West 91st street.

Billo, Otto, 413 East 80th street.

Bing, Alexander M., 71 E. 77th st.

Blan, Horace Bernard, 210 E. 82d st.

Blondel, Jr., Theodore, 548 Mott ave.

Boyd, William B., 40 Perry street.

Chankin, Joseph, 14 St. Mark's pl.

Cohen, Hyman, 11 Montgomery st.

Compton, Alfred, 40 W. 126th st.

Doob, Irving E., 219 East 61st st.

Dorland, Geo. W., 361 Bleeker st.

Dunn, Harris Ashton, 223 Central Park West.

Feinberg, Aaron Archibald, 76 Mott street.

Fichandler, Alexander, 59 Bayard st.

Frank, Augustus A., 225 Central Park West.

Galewski, David, 170 Henry street.

Gardner, G. D., 442 Central Park W.

Goldwasser, Israel Edwin, 209 East 116th street.

Goodfried, Ignatius L., 109 Willett street.

Goodman, Maurice, 354 East 4th st.

Gluck, Arthur Wallace, 1041 Madison avenue.

Hahn, Walter M., 383 8th street.

Hargrave, G. Edwin, 329 Eighth ave.

Harris, William H., 318 W. 42d st.

Heller, Bernard S., Graham House, cor. 89th street and Madison ave.

Hoffman, Mark, 49 Attorney street.
 Jacobson, Samuel O., 123 E. 82d st.
 Jacoby, Victor E., 427 W. 147th st.
 Jacoves, Louis J., 63 East Broadway.
 Joseph, Louis, 146 Clinton street.
 Kaempffert, Waldemar B., West
 106th street and Riverside Drive.
 Kafka, Hugh, Jr., 194 Edgecombe
 avenue.
 Kronacher, Joseph, 189 Hudson st.
 Ludwig, Augustus, 299 Seventh ave.
 McGuire, Clarence K., 104 Bank st.
 Michael, George, 1600 Avenue A.
 Picard, Milton, 115 East 92d street.
 Platt, Mark C., 329 West 46th street.
 Radgik, Abraham, 185 Henry street.
 Rich, Albert G., 164 W. 88th street.
 Richardson, William, Jr., 329 East
 13th street.
 Ridley, Arthur J., Jr., 118 E. 64th st.

Roberts, Arthur Joseph Dean, 1599
 Lexington avenue.
 Roe, Louis N., 2013 Fifth avenue.
 Rupprecht, Hugo, 622 Eighth ave.
 Salant, Aaron B., 440 East 85th st.
 Sheridan, James Walter, 2011 Third
 avenue.
 Spingarn, Alexander H., 31 Division
 street.
 Stantial, Robert S., 540 E. 163d st.
 Stark, Nathan, 257 2d street.
 Terwilliger, Henry H., 226 E. 15th st.
 Tuttle, James Horton, 336 West 84th
 street.
 Vandegrift, George Wanson, 277
 Henry street.
 Vermilya, Percy S., 36 W. 128th st.
 Vogel, George E., 704 E. 175th st.
 Wehrum, Delafield B., 315 East 20th
 street.
 Zipser, Morris, 149 Rivington street.

SOPHOMORE CLASS.—MECHANICAL COURSE.

Ackerman, William, 255 W. 32d st.
 Baillet, Henry, 150 Varick street.
 Baumann, Albert Philip, 228 East
 52d street.
 Beck, Oscar C., 45 St. Mark's place.
 Bell, Clarence Frank, 1204 Boston av.
 Berger, John, 97 Sheriff street.
 Boroschek, Leopold, 149 E. 56th st.
 Breitwieser, Hubert F., 74 7th street.
 Briner, Charles Henry, 620 Lexington
 avenue.
 Cohn, Louis, 289 W. Houston street.
 Coleman, Samuel F., 474 Seventh ave.
 Diamant, Arthur H., 24 E. 106th st.
 Donohue, Thomas J., 155 E. 84th st.
 Findlay, Walter, 318 W. 18th street.
 Garrety, Wm. Plymon, 203 West
 23d street.
 Giles, Fredk. L., 140 Christopher st.
 Grady, William Edward, 419 East
 87th street.
 Haight, Robert Stanley, 16 E. 47th st.
 Hanson, Herbert H., 145 W. 121st st.
 Hart, Robert C., 293 Lenox avenue.

Holton, Herbert Miles, 224 East 112th
 street.
 Hosch, Robert F. W., 614 E. 16th st.
 Leyes, Louis, 343 East 118th street.
 Long, Theodore, 125 West 97th st.
 Merritt, Chas. F., 2040 Seventh ave.
 Morrill, William Charles, 24 West 83d
 street.
 Morrison, Charles Edward, 103 West
 56th street.
 Neidlinger, Chas. Robt., 638 West
 End avenue.
 Nutter, Chas. H., 144 Lexington ave.
 Rose, William G., 1800 Lexington
 avenue.
 Rosenback, Milton Benjamin, 125
 East 65th street.
 Rosenberg, Michael, 119 Delancey st.
 Rosenberg, Samuel, 119 Clinton pl.
 Schmid, Chas. P., Jr., 121 East 104th
 street.
 Schroeder, Louis J., 22 University pl.
 Simmons, Maurice, 79 Mott avenue.
 Solomon, Nathan, 344 West 145th st.

Sparks, Clarence Ashton, 159 West 63d street.
 Stahl, G. Frederick, 419 East 16th st.
 Stark, Morris, 433 East 57th street.
 Stiner, Edgar F., 14 East 92d street.
 Tombo, Carl, 2 Ridge place, Mott Haven.
 Vogt, Charles A., 619 East 157th st.
 Wade, John Edgar, 41 Perry street.

Whiteside, Donald G., 251 West 133d street.
 Wilcke, Edward Jean, 263 West 21st street.
 Wolfe, Roscoe V., 1476 Lexington avenue.
 Zeigel, Herman, 222 East 128th st.
 Zorn, Chas. F., 1367 Fulton avenue.

FRESHMAN CLASS.—CLASSICAL COURSE.

Agatstein, Sigmund, 1717 Lexington avenue.
 Alter, Julius, 9 Montgomery street.
 Arnold, Felix, 173 East 62d street.
 Baer, Jules Henry, 446 W. 43d st.
 Bartley, John P. A., 544 Third ave.
 Berolzheimer, David D., 175 East 79th street.
 Bigelow, Joseph Hill, 169 E. 69th st.
 Bloch, Samuel John, 86 E. 111th st.
 Blumenthal, J. Leon, 933 Eighth ave.
 Bracker, Max H., 97 Second avenue.
 Brandt, Maurice, 127 Norfolk street.
 Braun, Alfred, 121 East 112th street.
 Brill, Abraham, 122 Attorney street.
 Bryant, Carleton E., 217 W. 14th st.
 Cohen, Joseph, 155 Norfolk street.
 Cohen, Max, 283 Tenth avenue.
 Conner, Christopher G., 325 East 39th street.
 Cremin, Wallace Leo, 848 Lexington avenue.
 Cunningham, Edward Warren Chandler, 80 East 9th street.
 Davidson, Maurice.
 Davidson, Maxwell, 131 East 78th st.
 Davis, Stanley B., 1977 Seventh ave.
 Ecclesine, Joseph F., 102 West 128th street.
 Eckstein, Joseph, 292 2d street.
 Ehrich, William Joseph, 54 West 75th street.
 Elgas, Matthew J., Jr., 121 West 87th street.
 Ernst, Bernard M. L., 126 West 132d street.

Fendrich, A. Edward, 428 W. 41st st.
 Fine, David, 36 Pike street.
 Fischer, Samuel M., Graham Hotel, cor. Madison ave. and 89th st.
 Fisher, William K., 524 W. 142d st.
 Flatto, Isadore, 141 Monroe street.
 Foise, Elias Lee, 109 West 64th st.
 Friedland, George, 34 Columbia st.
 Friedman, Louis Alexander, 807 East 9th street.
 Getty, William John Tolan, 220 West 58th street.
 Goebel, Lewis Saul, Jr., 338 West 87th street.
 Goldberg, Bernard, 202 E. Broadway.
 Graham, James Monroe, 464 Lexington avenue.
 Greenfield, Bernard Harold, 220 Madison street.
 Greenfield, Henry Bernard, 324 East 77th street.
 Gutmann, Charles Simeon, 149 East 72d street.
 Hammond, William Knapp, Jr., 324 West 29th street.
 Hanson, Arthur Taber, 145 West 121st street.
 Harrison, Philip, 426 East 51st street.
 Herrman, Sydney Hubert, 54 East 80th street.
 Hottenroth, Frederick William, 169 Alexander avenue.
 Jacobs, Louis E., 269 West 121st st.
 Jacoby, Leo, 426 East 115th street.
 Johnson, Edward Arthur, 244 East 34th street.

Kaiser, Emanuel Metzger, 78 East 81st street.
 Kehr, Ernest Nathan, 163 E. 110th st.
 Kinkeldey, Otto, 41 East 132d street.
 Klein, Henry Herman, 323 E. 10th st.
 Klein, Louis, 212 Second street.
 Koehler, Leopold Jacob, 518 E. 82d st.
 Kräbs, Maurice Hill, 21 Willett st.
 Krehbiel, Otto Frederick, 16 West 120th street.
 Kudlich, Roland, 56 West 17th st.
 Lederman, Jules Delmore, 1029 Park avenue.
 Lesegeld, Barnett, 15 East 77th st.
 Lesser, Pincus, 76 Orchard street.
 Levy, Isaac Harris, 208 Broome st.
 Lewis, Moses, 207 Broome street.
 Lichtenstein, George, 19 Clinton st.
 Lindenstein, Samuel Morton, 163 West 64th street.
 McClelland, Donald Cameron, 4 West 47th street.
 MacNicholl, William Arthur, 321 East 50th street.
 Magewirth, Julius Otto, 73 East 85th street, care of Mrs. O. Lauer.
 Magie, John Ernest, 17 W. 119th st.
 Margulies, Irving, 181 Henry street.
 Marks, Harry Myer, 28 Rutgers st.
 Marsh, Charles Van Rensseler, 666 East 139th street.
 Martin, Louis Kansel, 227 E. 5th st.
 Martin, William Joseph, 10 E. 86th st.
 Mason, J. Warren T., 679 E. 139th st.
 Mayhew, Ralph Sydney, 1963 Seventh avenue.
 Menline, Joseph Spencer, 356 East 69th street.
 Meyer, Julian-Jacques, 2069 Madison avenue,
 Michel, Abraham, 246 E. 51st st.
 Moran, W. Edgar, 1983 Madison ave.
 Mork, Seymour, 348 East 51st street.
 Morris, Joseph George, 208 E. 72d st.
 Mosser, Frederick Lodewick, 246 East 112th street.
 Myers, David, 108 East 55th street.

Myers, Saul Sidney, 334 E. 86th st.
 Naisawald, Horace Louis, Hotel Endicott, 81st st. and Columbus ave.
 Nathan, Solomon Alexander, 830 Second avenue.
 Needham, Henry Edward, 129 East 23d street.
 Nicholson, Douglas, 583 W. 145th st.
 Onderdonk, Frederick Abram, 265 West 131st street.
 Orgel, David Henry, 736 East 9th st.
 Pascal, Joseph Leon, 93 Delancey st.
 Pretzfeld, Edgar Simon, Hotel Graham, cor. 89th st. and Madison ave.
 Radin, H. Theodore, 82 East 108th st.
 Requa, Leonard F., Jr., 324 West 45th street.
 Rochow, Otto T., 176 East 80th st.
 Rooney, Joseph V., 301 East 69th st.
 Rosenovsky, Ellis L., 36 Henry st.
 Rosensohn, Samuel, 49 Eldridge st.
 Rosenthal, Hyman, 218 East 12th st.
 Salant, Louis, 440 East 85th street.
 Schaeffer, Benjamin L., 208 East B'way.
 Schoen, Adolph, 230 2d street.
 Schulhofer, Samuel, 628 E. 5th st.
 Schwarz, Arthur H., 105 E. 79th st.
 Siegel, I. Devonshire, 705 E. 139th st.
 Siegelman, Julius, care Mrs. Brand, cor. Delancey and Suffolk streets.
 Silk, Moses, 375 Greenwich street.
 Sill, Arthur M., 1196 Park avenue.
 Smith, Thomas H., 23 West 129th st.
 Sobel, David, 148 Henry street.
 Sohst, Edward Carl, 45 East 3d st.
 Steiner, Gilbert D., 528 East 86th st.
 Steinhardt, Samuel Charles, 359 Western Boulevard.
 Stern, Adolph, 332 East 4th st.
 Stern, Philip M., 310 East 85th st.
 Sullivan, D. James, 379 W. 53d st.
 Tauszky, David A., 57 East 91st st.
 Teven, Sidney L., 238 4th st.
 Theobald, Jacob, 542 East 11th st.
 Tonn, Charles R., 302 East 89th st.
 Tripp, Ross W., 356 West 23d st.

Vilkomirson, Abraham I., 11 Essex st.	Ziegler, Charles Edward, cor. Clare-
Weinberger, George G., 411 E. 87th st.	mont ave. and High Bridge street,
Weiss, David, 114 Lewis st.	High Bridge.
Yuzzolino, Attilio M., 81 Baxter st.	Zimmerman, Louis A., 542 5th street.

FRESHMAN CLASS.—SCIENTIFIC COURSE.

Appleton, Henry William, Jr., 175 East 79th street.	Fisher, Robt. M., 30 W. 26th street.
Aronson, David, 261 Henry street.	Foster, Mortimer Bristol, Hotel Vendome.
Ball, Nathan, 13 Perry street.	Frank, Julius, 95 Ludlow street.
Bastine, Harold Jackson, 112 East 19th street.	Frenkel, W. Norman, 108 E. 103d st.
Baumüller, John, 348 East 85th st.	Froehlich, Moses, 830 Lexington ave.
Bierwirth, Albert Howe, 630 East 136th street.	Gerard, Daniel McKellar, 50 E. 21st st.
Boehm, Henry Abraham, 59 West 89th street.	Green, James, 203 Seventh ave.
Bremer, Alexander Magnus, 69 East 86th street.	Hamill, John, 347 E. 14th street.
Broder, Nathan, 45 Eldridge street.	Harris, Isador, 230 Division street.
Cairns, Douglas Walker, 40 Grove st.	Harris, Jacob, 244 East Broadway.
Camera, Americo U. N., 186 Allen st.	Hewitt, Zebulon Marvin, 25 W. 84th st.
Coady, Charles Benjamin, 42 West 128th street.	Hodges, Richard O., 230 E. 19th st.
Cody, Robert S., 164 East 89th st.	Holzman, Ralph, 132 East 74th st.
Cohn, Joseph, 228 Avenue A.	Isaacs, Michael, 175 East Broadway.
Casselman, William H., 419 East 87th street.	Kahn, Bernard S., 106 East 85th st.
Collins, Christopher D., 327 E. 37th st.	Kahn, Samuel, 406 East 50th st.
Colman, Walter Abraham, 44 East 76th street.	Kissick, John Alexander, 504 West 44th street.
Cottle, George Franklin, 1 Gramercy park.	Klein, Anthony, 212 2d street.
Dickheiser, Solomon Jacob, 142 Clinton street.	Kopp, Julius F., 332 East 50th st.
Dobriner, Milton, 172 East 95th st.	Krakower, Moses Nathan, 158 East Broadway.
Duke, Walter Alfred, 429 W. 22d st.	Kuh, Charles E., 1126 Park avenue.
Edelman, Israel, 49 Clinton street.	Lengemann, John W., 348 W. 48th st.
Ellison, Ernest Alfred, 203 W. 135th st.	Lesser, Jacob, 147 Clinton street.
Faulkner, Harry Richard, 340 West 28th street.	Levy, Edward, 109 West 78th st.
Ferguson, George Purdy, 343 West 24th st.	Lewis, Samuel J., 235 Division st.
Fischer, Bernard William, 227 West 37th street.	Lipfield, Isaac, 33 Orchard street.
Fishel, Mortimer, 166 E. 78th street.	Lowenstein, Simon, 160 Attorney st.
	Ludvigh, G., 759 Lexington avenue.
	Lyons, George V., 223 East 62d st.
	Mandell, Louis J., 122 Columbia st.
	Mandel, R. Arthur, 200 East 69th st.
	Martin, Raymond B., 164 W. 83d st.
	Michaelis, Arnold, 138th st. and Tenth avenue.
	Michelson, Max, 270 West 37th st.
	Müller, Charles J., 520 East 88th st.
	Müller, Julius C., 418 W. 154th st.

Nestell, Raymond J., 237 Lenox ave.
 Nida, Julius A., 111 East 89th st.
 Oakes, Frank Burchard, 423 W.
 21st street.
 Ottmann, William Setzer, "Nevada,"
 69th street and Boulevard.
 Peyser, William, 225 East Broadway.
 Pfletschinger, Frederick, 184th street
 and Tiebout avenue.
 Pforzheimer, Carl Howard, 348 East
 124th street.
 Platz, Julian M., 252 W. 128th st.
 Riederer, Herman S., 145 W. 94th st.
 Roberts, George Alexander, 329 East
 106th street.
 Robinson, Leo H., 342 Bowery.
 Rogers, Edward Washburn, 372 Man-
 hattan avenue.
 Rosalsky, Joseph Stonewall, 29 Al-
 len street.
 Scheider, Frederick Marie, 187 East
 64th street.
 Schiff, Gustave Henry, 65 W. 91st st.

Schultze, Leonard, 100 West 73d st.
 Severino, J. M., 57 East 93d street.
 Silverman, Samuel C., 5 Mitchell pl.
 Stanbrough, Harold K., 155 E. 50th st.
 Starr, George R., 20 Coenties slip.
 Steinberger, Frederick J., 153 East
 61st street.
 Tennant, George Gibson, 213 East
 37th street.
 Tompkins, Harry L., 164 W. 83d st.
 Waldman, Morris David, 168 Riving-
 ton street.
 Weil, Irving H., 236 East 58th st.
 Weizenhoffer, Adolph, 334 E. Hous-
 ton street.
 Wingebach, August, Jr., 341 East
 118th street.
 Wolfson, Samuel, 128 East 56th st.
 Woodburn, Cortlandt Clarence, 197
 Seventh avenue.
 Worm, Oscar R. W., 548 E. 87th st.
 Wund, William F., 539 Second ave.

FRESHMAN CLASS.—MECHANICAL COURSE.

Anderson, Charles, 583 W. 56th st.
 Arenander, Alfred W., Williams-
 bridge, N. Y.
 Ballin, Maurice, 262 West 121st st.
 Barnhurst, William H., 132 West
 104th street.
 Barry, Joseph T., 441 East 23d st.
 Bayne, Stephen F., 300 W. 148th st.
 Bernstein, Solomon, 435 Grand st.
 Boecker, Alexander, 237 East 28th st.
 Breitwieser, Herman G., 74 7th st.
 Brautigam, Paul A., Mott avenue,
 near 165th street.
 Buerger, Charles B., 204 E. 116th st.
 Bullwinkel, William H., 665 Tenth
 avenue.
 Cavagnaro, John J., 16 Macdougall st.
 Cimiotti, Walter F., 221 Second ave.
 Coakley, Henry L., 126 E. 45th st.
 Colwell, Lino M., 365 W. 27th st.
 Connor, Francis J. N., 331 West
 Houston street.

Crawford, Henry E., 220 W. 28th st.
 Denzer, Sydney Weilman, 113 West
 130th street.
 Elder, Robert, 64 East 131st street.
 Everett, Herbert H., 24 Manhattan st.
 Fisher, Fred. S., 528 West 42d st.
 Friedmann, H., 249 2d street.
 Fuentes, Julius E., 225 W. 112th st.
 Gartlan, Eugene B., 245 E. 116th st.
 Gartlan, James H., 245 E. 116th st.
 Goldberger, Henry H., 63 Pitt st.
 Gundlach, Walter A. H., 160 East
 79th street.
 Hachtmann, Andrew P., 63 E. 9th st.
 Hamburg, Edwin C., 110 W. 116th st.
 Holloway, J. Henry, 1625 Madison
 avenue.
 Hynes, J. Mortimer, 55 W. 39th st.
 Jauss, Eugene C., 419 Sixth avenue.
 Kaufman, Charles, 570 Seventh ave.
 Kearney, James, 729 East 141st st.
 Kellett, John H., 217 Greenwich st.

Kelly, Moore T., 355 West 55th st.	Scott, Allan, 258 West 24th street.
Kindlund, James C., 367 W. 22d st.	Sewards, Theophile F., 1839 Madison avenue.
Klein, Henry, 93 Columbia st.	Sewards, Theodore M., 1839 Madison avenue.
Kunzmann, John F., 79 W. 101st st.	Shattuck, Leslie Calhoun, 360 West 29th street.
Lawson Randolph S., 18 E. 11th st.	Siegler, Michael, 138th street and Tenth avenue.
Leventhal, Harris, 228 East B'way.	Silverman, Samuel, 333 Stanton st.
Levis, Carl, 6 East 131st street.	Slavick, William, 40 Avenue B.
Levy, Charles, 373 Willis avenue, near 143d st.	Smith, Havilah Medless, 71 Perry st.
McGowan, William E., 244 E. 20th st.	Smulovitz, Abraham, 544 E. 5th st.
Milius, Gabriel E., 26 East 74th st.	Solomon, Jos. I. 122 Ridge street.
Newman, Eugene, 41 East 76th st.	Spitzka, Edward A., 712 Lexington avenue.
Niemann, Albert H., 198 Prince st.	Springer, David R., 228 E. 62d st.
Nolan, John D., 749 Third avenue.	Steer, Chas. G., 508 W. 58th street.
Norton, James J., 426 West 42d st.	Stocky, Peter D., 15 East 130th st.
O'Meara, John J., 3 West 45th st.	Strauss, Lester, 60 St. Mark's place.
Pasternak, Nathaniel, 76 Lewis st.	Strouse, Frank L., 58 E. 116th street.
Pellnitz, Gustav E., Jr., 73 Second avenue.	Tiedt, Hermann, 325 E. 75th street.
Philip, Max, 89 Pitt st.	Tynberg, Norton F., 257 W. 43d st.
Phillips, Philip, 253 East 72d street.	Viertel, Samuel, 221 E. 128th street.
Pleister, Fred'k William, 320 Second avenue.	Wagner, Robert F., 304 Pleasant av.
Pollock, Henry W., 273 W. 122d st.	Weaver, Albert B., 515 Manhattan avenue.
Pretzfeld, Howard F., Graham House, 89th street and Madison avenue.	Weinstein, Mortimer, 445 E. 57th st.
Pretzfeld, R. H., 152 East 61st st.	Weissblatt, Murray, 307 Lenox ave.
Prosser, Henry Raphael, 629 Eleventh avenue.	Werdenschlag, Silvain, 140 West 48th street.
Quirk, Thomas F., Hall place and 165th street.	Wessells, E. Herbert, 43 W. 91st st.
Randolph, Fred. P., 51 E. 29th st.	Wilner, Albert, 151 East Broadway.
Reed, W. C., 406 West 19th street.	Wolff, Alexander, 263 Division st.
Reed, W. V., 34 Grove street.	Zellers, Albert, 436 W. 20th street.
Reilly, Joseph A., 349 E. 48th st.	

SUB-FRESHMAN CLASS.—CLASSICAL COURSE.

Abelson, Paul, 39 Catharine street.	Asch, Joseph Jefferson, 770 Lexington avenue.
Ackerman, Henry Jesse, 437 West 34th street.	Bandler, Maurice Edward, 212 Edgecombe avenue.
Adams, Robert Albert, 200 West 130th street.	Barenkopf, I. B., 175 Essex street.
Alter, M. J.	Bastine, Arthur Randolph, 112 East 19th street.
Applebome, Louis, 176 First avenue.	Beckman, John H., 259 W. 43d st.
Appleton, Walter Frederick, 175 East 79th street.	Behren, Bernhard, 272 Rivington st.

Berman, Abraham, 95 Henry street.
 Berryman, Wilson Garfield, 301 West 45th street.
 Birnbaum, Arthur, 329 E. 69th st.
 Birnkrant, Jacob, 103 East Broadway.
 Black, Harry Irving, 239 W. 13th st.
 Blair, Robert Wesley, 122 W. 19th st.
 Bloomfield, Meyer, 161 Orchard st.
 Bluhm, Julius, 321 East 79th street.
 Blumberg, Julius, 18 Pike street.
 Boyle, Raphael A., 307 West 123d st.
 Brockway, Gilbert Germond, 754 East 142d street.
 Brouwer, William H., 136 W. 130th st.
 Browne, John, 207 West 16th street.
 Brummer, Sidney David, 222 West 139th street.
 Burg, William Ecclesine, 104 West 83d street.
 Burger, Henry Samuel, 32 Pitt st.
 Byrne, Francis Henry, 2044 Boston avenue.
 Calhoun, John Garfield, 165th street, east of Amsterdam avenue.
 Calhoun, Harry, 168 West 96th st.
 Campbell, Frederick Walter, 159 East 108th street.
 Cahill, Cornelius Joseph, 2138 Washington avenue.
 Caplan, Elias Nathan, 162 Madison st.
 Carroll, Benjamin L. L., 354 West 18th street.
 Cecire, Joseph, 146 Mulberry street.
 Charlton, Herbert R., 108 W. 124th st.
 Clapp, Frederic Mortimer, 353 West 15th street.
 Cohen, Arthur Philip, 122 E. 86th st.
 Cohen, Elias, 36 Pike street.
 Cohen, Morris, 635 East 9th street.
 Cohen, Morris William, 311 West 116th street.
 Condon, Joseph Fidelis, 882 East 169th street.
 Cooney, Richard Grey, 224 E. 26th st.
 Curtin, John Joseph, Morris Avenue, Fordham.
 Danziger, Leonard, 677 E. 135th st.

Davidorf, Henry, 91 Essex street.
 Davidson, Gabriel, 130 East 65th st.
 Deane, Edgar Davenport, 229 East 126th street.
 Deane, Samuel, Jr., 61 Bank street.
 de Casanova, Louis Lorne, 55 West 105th street.
 Decker, Thompson Willis, 857 Lexington avenue.
 Dickey, Frank Alexander, 428 West 48th street.
 Dibble, Robert Horace, 442 Central Park West.
 Dietsch, Clarence Percival, 149th street and Southern Boulevard.
 Dietsch, George Frederick, 149th street and Southern Boulevard.
 Donnelly, John Edward, 103 West 74th street.
 Donohoe, John A., 36 West 65th st.
 Donovan, John Joseph, 751 East 141st street.
 Dorfman, Vladimir, 124 Rivington street.
 Downey, William Edward, 158 West 44th street.
 Ecclesine, Edward, 102 W. 128th st.
 Edelstein, Goodman, 26 Suffolk st.
 Eder, Phanor James, 123 W. 80th st.
 Ehrlich, Simon, 203 Delancey street.
 Eichler, Max, 75½ Columbia street.
 Ermolnekov, Jacob, 146 Forsyth st.
 Farries, James T., 1105 Lexington av.
 Felberg, Aron, 61 Lewis street.
 Ferguson, William, 719 Eighth ave.
 Fibel, Samuel, 167½ E. 115th street.
 Finkenstein, Jacob, 163 Ludlow st.
 Fischer, Francis, 167 Essex street.
 Fischer, Nicholas, 222 Henry street.
 Flatow, Sol. L., 232 Eldridge street.
 Ford, Harry C., 310 W. 18th street.
 Fox, John, 409 West 35th street.
 Frank, Joseph Slevin, 225 Central Park West.
 Frank, Louis, 19 James Slip.
 Frankenthal, Milton, 662 Lexington avenue.

Friedenbergr, Edgar Marx, 34 East 70th street.
 Freidenrich, Oscar Wilde, 215 East 126th street.
 Frischman, Charles, 328 E. 9th street.
 Gallagher, John J., 167 W. 133d st.
 Ganzenmüller, August, 31 7th street.
 Gibney, Eugene Clarence, 550 West 126th street.
 Glück, Henry, 114 Lewis street.
 Goldberg, Benjamin, 6 Eldridge st.
 Goldman, Isaac, 59 Bayard street.
 Goldstein, David, 252 Delancey st.
 Gomprecht, Harry, 210 E. 61st st.
 Goodfriend, Nathan, 9 Avenue C.
 Goodman, Elias B., 112 Rivington st.
 Goodman, Louis, 72 Mott street.
 Goodwin, Perry T., 177 E. 123d st.
 Grauer, Joseph, 132 Broome street.
 Greenburgh, John, 215 Eldridge st.
 Greenberg, Louis D., 30 Norfolk st.
 Greene, Sime, 204 West 36th street.
 Greensweig, Maurice, 245 Rivington street.
 Grote, John H., 212 Greenwich street.
 Grosner, Benjamin Alexander, 113 2d street.
 Gross, John Conrad, 1205 Park ave.
 Grossman, Charles, 1626 Avenue A.
 Grossman, Louis, 452 Grand street.
 Halpin, Francis de S., 2314 Grand Boulevard.
 Hanify, James John Ryder, 5 King street.
 Harlem, David E., 248 W. 37th st.
 Harnisch, Charles Frederick, 237 East 54th street.
 Harris, Arthur Henry, 73 E. 85th st.
 Harris, Nathan, cor. 138th street and Amsterdam avenue.
 Healy, John T., 235 East 73d street.
 Hebbard, Franklin, Jr., Hull avenue, Bedford Park.
 Hecht, Harry Garfield, 679 East 142d street.
 Herman, Harry, 307 E. 78th street.
 Herzog, Samuel A., 216 E. 78th st.
 Hirsch, Samuel, 300 Stanton street.
 Horowitz, William, 140 E. 83d street.
 Hunter, Frederick C., 368 W. 35th st.
 Israeli, Phineas, 736 Lexington ave.
 Jacobs, Isidor, 152 West 123d street.
 Jacobs, Joseph, 52 First avenue.
 Jacobs, Louis, 135 Rivington street.
 Jacobson, Walter, 217½ 7th street.
 Janssen, Henry J., 323 East 49th st.
 Jeffers, Ward R., 1762 Madison ave.
 Jenkins, Raeburn W., 173 W. 85th st.
 Johnston, Warren F., 213 W. 104th st.
 Jones, Isaac, 310 East 86th street.
 Kaine, Patrick J., 10 Monroe street.
 Katz, David, 304 Amsterdam ave.
 Kaus, Herbert R., 468 West 43d st.
 Kayser, Harry C. A., 106 E. 54th st.
 Keller, Ralph DeW., 174 St. Nicholas avenue.
 Kennedy, Alfred N., 306 W. 46th st.
 Kennedy, David E., 19 W. 74th st.
 Kennedy, John A., 174th street, Mt. Hope.
 Kenney, Jno. L., 51 E. Houston st.
 Keppler, Tobias A., 385 E. 4th st.
 Kiralfy, Harry B., 38 West Washington square.
 Klein, Samuel, 165 Suffolk street.
 Kleinberger, Sidney F., 147 E. 55th st.
 Knipe, William H. W., 353 West 24th street.
 Kohn, James A. G., Eleventh avenue and 151st street.
 Kramer, David, 324 West 33d st.
 Krauskopf, Henry, 236 East 79th st.
 Kudlich, Hans E., 56 West 17th st.
 Landauer, D. Clifford, 342 E. 72d st.
 Lazarowitz, Jacob, 26 Eldridge st.
 Lefkowitz, Aaron, 62 Sheriff street.
 Levy, Henry, 525 East 88th street.
 Litson, Mason N., 144 West 128th st.
 Loew, Elias A., 155 Orchard st.
 Loew, Jno. T., 10 Amsterdam ave.
 Loewenbaum, Uriel Mitchell, 1627 First avenue.
 Lowenstein, Louis H., 215 E. 79th st.
 Loewinthal, Albert, 313 Rivington street.

Macdonald, George S., 31 E. 67th st.
 McDonald, Robert F., 760 E. 140th st.
 McKibbin, Samuel, 370 West 35th st.
 McMahon, William J., 499 Third ave.
 McNeill, Joseph S., 508 West 23d st.
 Maharin, Thos. M., 49 Vandam st.
 Marco, Nicholas, 67 James street.
 Martin, Chancellor J., 102 W. 75th st.
 Martin, Francis Xavier, 436 Lenox
 avenue.
 Martin, William J., 10 East 86th st.
 Marx, Philip, 361 East 10th street.
 Mayer, C. W., 702 East 158th street.
 Meidt, George Sauter, 622 Lexington
 avenue.
 Mendelsohn, Harry, 96 Lewis street.
 Menkes, Charles, 172 Ludlow street.
 Méras, Albert, 107 East 45th street.
 Meyer, Rutherford B., 402 First ave.
 Meyers, Harold, 140 East Broadway.
 Milliken, David L., 150 W. 133d st.
 Milne, Charles, Jr., 124 East 45th st.
 Mooney, Richard D., 310 E. 119th st.
 Morgenthau, Max, 1129 Park ave.
 Moskowitz, Henry, 147 Forsyth st.
 Müller, Werner, 418 W. 154th st.
 Neuman, Harry S., 604 Lexington
 avenue.
 Olcott, Herman P., 30 W. 128th st.
 Parfenoff, Nicholas, 439 W. 32d st.
 Park, William, 457 West 57th street.
 Patterson, Jas. R., Jr., 137 E. 116th st.
 Penner, Max W., 626 East 6th street.
 Perl, Henry, 310 East 3d street.
 Perl, Louis, 310 East 3d street.
 Pinner, Alfred M., 103 East 71st st.
 Piza, Herbert, 495 Lexington ave.
 Politte, James St. C., 942 Third ave.
 Popkin, Michael, 124 East 60th st.
 Rabell, Burlock E., 129 West 22d st.
 Radin, Max, 82 East 108th street.
 Ray, Edgar T., 416 West 55th street.
 Raymond, Alexander, 1998 Lexing-
 ton avenue.
 Read, Frank, 181 West 63d street.
 Reis, Leslie, 72 West 131st street.
 Reiss, Henry, 301 8th street.

Reiter, Henry, 119 Attorney street,
 cor. Rivington.
 Rhodius, William F., 1556 Ave. A.
 Rooney, Thomas F., 844 Eighth ave.
 Rosenberg, Henry, 605 6th street.
 Rosenberg, Louis, 1828 Third ave.
 Rosenberg, Louis, 639 6th street.
 Rosenbluth, Benjamin, 126 Henry st.
 Rosenthal, Charles, 9 Rutgers street.
 Rosenthal, Charles M., 344 E. 50th st.
 Rosentbal, Edward J., 336 E. 51st st.
 Rouse, William, 1207 Park avenue.
 Samuels, Herman Herbert, 274 Lenox
 avenue.
 Scheyer, Aaron, 736 East 9th street
 Schoonmaker, Augustus, 44 W. 17th st.
 Schwartz, Isaac, 327 East 79th street.
 Schwartz, Leon, 94 Orchard street.
 Schweitzer, Henry, 366 Ninth ave.
 Seligmann, Rudolph A., 251 7th st.
 Senior, Aaron, 165 Norfolk street.
 Sowards, Robert L., 1839 Madison ave.
 Shaw, George F., 169th street, be-
 tween Sheridan and Jerome aves.
 Siegel, Samuel I., 216 Vila avenue,
 Bedford Park.
 Siegel, Samuel J., 705 East 139th st.
 Skrivanek, Joseph, 3493 Third ave.
 Smith, Albert, 524 West 153d street.
 Smith, Royal E., 251 West 127th st.
 Sohst, Rudolph E., 155 East 72d st.
 Sperling, Frederick W., 211 West
 45th street.
 Steindler, Harry, 1832 Lexington ave.
 Steinhard, David, 247 E. 61st street.
 Steeves, Frederic M., 427 Mott ave.
 Strauss, Charles A., 681 Lexington
 avenue.
 Strodl, George F., 183 Grand street.
 Strouse, Alexander L., 122 E. 86th st.
 Sugarman, Moses A., 217 Henry st.
 Suling, John W., 8 Charlton street.
 Supnik, Henry, 217 Broome street.
 Symes, Reuben C., 30 Downing st.
 Taschman, Max, 33 Norfolk street.
 Tirman, Samuel, 122 Lewis street.
 Todd, Clarence Milton, 152 E. 48th st.

Torney, James V. J., 417 W. 34th st.
 Trimmer, Theodore S., 936 E. 137th st.
 Turk, William, 122 East 93d street.
 Turner, Thomas R., 426 W. 29th st.
 Underhill, Morris, 43 Lafayette place.
 Vogel, Louis, 458 Ninth avenue.
 Wainwright, Jay M., Rockfield street,
 Bedford Park.
 Walsh, Richard F., 449 West 46th st.
 Weil, Walter D., 62 East 88th street.

Weinberger, Jacques, 143 W. 96th st.
 Weinstein, Henry, 51 Rutgers street.
 Weiss, Jacob, 198 2d street.
 Weissman, Max, 328 Stanton street.
 Winter, C. F. P., 862 Eighth avenue.
 Woticky, Edward, 318 East 77th st.
 Wolf, Sidney, 545 East 84th street.
 Woolf, Samuel Johnson, 864 Lexington
 avenue.
 Wyler, Leo, 336 East 87th street.

SUB-FRESHMAN CLASS.—SCIENTIFIC COURSE.

Aarons, Sidney Henry, 120 E. 85th st.
 Altmayer, Leon S., 60 East 86th st.
 Amster, Julius L., 109 Willett street.
 Anthony, Eugene, 66 Grove street.
 Apfel, Charles, 171 Rivington street.
 Babbitt, Niles S., 100 East 123d st.
 Baldwin, Wilson, 362 Lenox avenue.
 Basch, Solomon, 668 Third avenue.
 Bateson, Chas. E., Jr., 1 W. 103d st.
 Beck, Samuel S., 204 Henry street.
 Biggio, Ernesto G., 1361 Fulton ave.
 Bleich Samuel D., 302 2d street.
 Blendermann, Harry J., 795 West
 End avenue.
 Bloch, Bernhard, 143 Delancey st.
 Block, Louis M., 54½ Ludlow street.
 Bloom, Albert Max, 10 Eldridge st.
 Bodenheimer, Milton, 336 E. 50th st.
 Bostwick, Arthur C., 680 E. 40th st.
 Boyd, Robert W., 40 Perry street.
 Bradley, Peter F., 60 Lewis street.
 Brennan, Frank R., 2 Pike street.
 Britwitz, Meyer, 81 Stanton street.
 Burkau, Nathan, 113 Eldridge street.
 Butts, Arthur C., 1004 Trinity ave-
 nue, Morrisania.
 Cahn, Sidney M., 12 East 66th street.
 Camp, Irving L., 274 W. 132d street.
 Carroll, Joseph Ignatius, 106 East
 84th street.
 Cohen, Frank, 145 East 47th street.
 Cohen, Isaac, 235 Henry street.
 Condon, George S., 177 W. 101st st.
 Conrad, Walter S., 102 East 74th st.

Coulter, Elmer D., 301 West 45th st.
 Crowe, Edwin R., 594 East 136th st.
 Davidson, Arthur Miller, 4 W. 128th
 street.
 Davis, Michael M., Jr., 68 W. 92d st.
 Dillenberg, David Solomon, 325 East
 62d street.
 Dougherty, Richard E., 244 W. 20th
 street.
 Drakenfeld, Bernard F., 508 E. 58th st.
 Eckstein, Hugo G., 251 E. 10th st.
 Epstein, Simon, 22 Scammel street.
 Ernsite, Henry, 125 Ludlow street.
 Fendrich, Charles, 428 West 41st st.
 Fitzsimons, William H., 492 Grand st.
 Friedman, Arthur L., 44 E. 67th st.
 Freudenheim, Solomon, 54 E. 118th st.
 Garry, Arthur J., 217 East 39th st.
 Gartner, William, 363 East 10th st.
 Gilbert, Walter M., 637 Walton ave.
 Goerwitz, William, 194 Third ave.
 Goldberg, Sam'l, 116 Stanton street.
 Goldberger, Isidore, 130 Ridge street.
 Goodhart, Julius B., 1148 Park ave.
 Greenstein, Marx B., 29 East B'way.
 Gregorius, Louis F., 323 W. 31st st.
 Gregory, Percival, 140 W. 38th st.
 Grief, Walter H., 339 30th street.
 Grinberg, Ira Rossmore, 2382 Seventh
 avenue.
 Haskowitch, Gabriel, 365 East Hous-
 ton st.
 Hay, Marley F., 157 West 84th st.
 Hermann, Simeon, 151 East 46th st.

Hesselbach, Henry J., 93 Lexington avenue.

Hill, Harry Jay, 225 West 115th st.

Hirsdansky, Simon, 268 Cherry st.

Hirschthal, Michael, 127 Rivington st.

Hoefling, Gustave C., 708 E. 134th st.

Ives, Walter, 29 West 130th street.

Jaffy, Max, 138 Madison street.

Jellin, Nathan, 1 Rutgers place.

Joffe, Marcus E., 187 Henry street.

Joseph, Jacob I., 146 Clinton street.

Kaufmann, Arthur, 11 East 66th st.

Kaufman, David, 256 West 129th st.

Kramer, Isaac, 331 Grand street.

Levino, Albert, 95th street and Madison avenue.

Levy, Aaron W., 560 First avenue.

Libman, Abram, 180 East 64th st.

Lichtenstein, Saul, 88 West 89th st.

Liebner, Michael, 38 Essex street.

Lillienthal, Julian, 50 West 92d st.

Lynch, Richard T., 455 West 21st st.

McAdam, Clarence, 338 West 29th st.

Mack, Edwin S., 228 West 82d st.

Marcus, Morris, 213 Broome street.

Marks, Maurice E., 1034 Lexington avenue.

Marshall, Frank C., 74 W. 105th st.

Martin, Henry Halsey, 356 West 56th street.

Mayell, Albert Jefferson, 548 East 164th street.

Mayer, Arthur, 202 7th street.

Mead, Nelson Prentiss, 405 West 17th street.

Messenger, John, Jr., 110 E. 86th st.

Meyer, Arthur Simon, 132 West 132d street.

Moses, Montrose J., 252 W. 84th st.

Moseson, Herman, 180 Henry st.

Murphy, Edward T.

Murtha, Arthur B., 51 W. 119th st.

Neppert, Francis L., 3 West 103d st.

Neustadt, Herbert Marc, 136 East 65th street.

Newman, Charles Joseph, 168 Clinton street.

Newman, S. Lazarus, 336 Cherry st.

O'Brien, John J., 1411 Amsterdam avenue.

Percel, August Thomas, 566 First ave.

Petraglia, Joseph Leonard, 210 Elm street.

Phillips, Joseph Francis, 219 East 34th street.

Pleister, Frederick William, 320 Second avenue.

Popper, Gustave Joseph, 330 East 54th street.

Puckhafer, Charles Claus, 337 Willis avenue.

Raisin, Solomon J., 35 Rutgers st.

Raphaelson, Samuel, 102 East Broadway.

Regnault, Charles Henry, 74 West 45th street.

Reid, Thomas Alexander, 696 Tenth avenue.

Reinhardt, Maurice, 148 E. 89th st.

Ritter, Herman, Jr., 363 W. 31st st.

Ritter, Julius, 23 Chrystie street.

Ritterband, George Morris, 1019 Lexington avenue.

Robinson, Clarence Cramer, 228 West 139th street.

Roos, Lester, 209 East 68th street.

Rosenbaum, Joseph, 102 E. Broadway.

Rosenthal, Samuel, 30 Essex street.

Rothstein, Emanuel J., 224 West 136th street.

Rowan, Alfred G., 837 E. 163d st.

Sable, Louis A., 25 Clinton street.

Sachs, Bernhard D., 32 Attorney st.

Schaefer, Frederick Louis, 448 West 47th street.

Schefcik, Joseph F., 215 E. 29th st.

Schnepel, George A., 265 W. 22d st.

Schwartz, Louis, 23 East 3d street.

Schwerin, Charles Leopold, 87 West 134th street.

Shivell, Arthur Edwin, 101 W. 91st st.

Shufro, Jacob, 26 Allen street.

Shulman, Morris, 302 East 125th st.

Sim, Charles W., 66 West 106th st.

Smith, Reginald H., 319 Lenox ave.
Solis-Cohen, Leon M., 812 Lexington
avenue.

Soloman, Isaac, 844 Third avenue.
Solow, Alexander S., 105 E. 88th st.
Spitzer, Abraham, 25 Rutgers place.
Staelen, Richard A., cor. Fleetwood
avenue and 163 street.

Starr, Frederick, 21 Willett street.
Stein, William M., 161 West 85th st.
Stern, Albert, 332 East 4th street.
Stern, Emanuel, 2363 Second avenue.
Steele, George Wm., 112 E. 104th st.
Stratton, Deane, 2013 Fifth avenue.
Sullivan, Walter S., 1054 Avenue A.
Sundheimer, Malcolm, 38 W. 76th st.

Sutcliff, Walter J., 213 East 36th st.
Swick, David A., 532 East 16th st.
Taylor, Thomas B., 145 W. 96th st.
Timme, Waldemar, 2 River View Ter-
race.

Tuchman, Stanislaus, 222 Broome st.
Untermeyer, Milton F., 102 E. 79th st.
Van Nostrand, Robert, 707 Eighth ave.
Wallace, Leon C., 236 East 50th st.
Walther, Arno, 308 East 21st street.
Weinstein, Abraham, 171 Madison st.
Weschler, Adolphus, 230 E. 87th st.
Wilkinson, Herbert O., 252 W. 99th st.
Wilson, Hugh D., 75 West 92d st.
Wolkenstein, Richard, 352 E. 51st st.
Wood, Wilson G., 61 East 25th st.

SUB-FRESHMAN CLASS.—MECHANICAL COURSE.

Alperin, Benj., 322 First avenue.
Arnold, Charles G., 214 East 10th st.
Barbor, Robert, 437 West 46th street.
Baumgarten, Charles, 312 E. 70th st.
Beckley, Leonard, 1060 Cauldwell ave.
Benda, Harry, 355 West 24th street.
Bennett, Albert, 88 Grove street.
Berrien, Richard A., Inwood.
Blume, Edward, 235 East 106th st.
Blume, Frederick W., 436 W. 52d st.
Borgelt, Wm., 735 Second avenue.
Boyer, Eugene, 321 West 85th street.
Boyer, Walter L., 321 West 85th st.
Brand, Samuel, 246 East 27th street.
Bryant, Frank M., 9 West 14th st.
Budds, Benjamin C., 356 W. 24th st.
Chambers, Bernard, 41 Eldridge st.
Coen, William, 141 East 32d street.
Cosgrove, Austin B., 81 West 89th st.
Devlin, Joseph, 171 East 33d street.
Dickson, Byron S., 38 Perry street.
Dittmar, George, 423 Third avenue.
Dottenheim, Herbert, 1377 Lex. ave.
Forbes, Frank P., 63 Bank street.
Fraser, John, 165th st. near Mott ave.
Fraser, William, 165th st. near Mott ave.
Fullwood, Roy, 1 King street.
Geib, Adam, 1260 Vanderbilt avenue.

Geissler, Adolph, 356 East 50th st.
Glaubiger, Emil, 93 Lewis street.
Goodwin, T. Raymond, 19 W. 84th st.
Grassi, Otto Joseph Anthony, 113
East 114th street.
Greacen, Samuel L., 307 W. 33d st.
Grote, George, 429 East Houston st.
Gruntal, Edwin, 122 East 61st st.
Grupe, Henry J., 635 East 135th st.
Heath, J. Pierre, 51 East 29th street.
Herfort, Paul, 153 East 89th street.
Herman, Arnold A., 62 W. 126th st.
Hesse, Milton, 132 East 62d street.
Hollander, Louis H., 112 E. 93d st.
Horawitz, Jacob, 485 East 134th st.
Hovey, Charles F., 175 West 81st st.
Jones, Alexander, 53 Columbus ave.
Joost, Henry, 47 Sullivan street.
Kennelly, William H. A., Randall's
Island.
King, William E., 2361 Morris ave.,
Fordham.
Kirschner, Bruno, 71 Columbia st.
Kleineberg, Paul, 461 West 42d st.
Knoepke, Alfred F., 801 Lexington
avenue.
Koscherak, Ferdinand, 127 W. 82d st.
Kraus, Louis, 418 East 73d street.

Leddy, John F., 1972 Bathgate ave.,
 Tremont, N. Y.
 Levien, Francis G., 695 E. 135th st.
 Lewis, Thomas P., 212 East 46th st.
 Lichtenstein, Walter G., 88 West 89th
 street.
 Lindsay, William G., 210 West 119th
 street.
 Lowe, Bauman, 107 Lexington ave.
 McCormick, Thomas J., 455 West
 48th street.
 Magnus, Benj., 22 East 111th street.
 Maybury, John A., 124 East 51st st.
 Mayer, Joseph, 236 East 78th street.
 Meade, Clarence R., 743 Second ave.
 Mehrlust, Jacob, 122 Attorney street.
 Menges, Philip C., 451 West 48th st.
 Miller, Robert, 225 Brown place.
 Mohr, Edward H., 17 Bedford street.
 Morgan, William J., 233 E. 87th st.
 Moses, Maximilian L., 2124 Eighth
 avenue.
 Moxley, Francis J., 452 West 31st st.
 Munsell, Howard A., 146 E. 28th st.
 Neidlinger, Samuel C., 638 West End
 avenue.
 Norden, Joseph, 223 West 10th st.
 Numann, Frederick W., 121 Cherry
 street.
 O'Brien, John J., 145 West 66th st.
 Odell, Caleb H., Claremont avenue.
 Pohly, Eugene, 1379 Lexington ave.
 Pomeroy, Paris R., 24 West 135th st.
 Pointner, Hans, 87 Broad street.
 Reynolds, Edmund J., 352 E. 86th st.
 Riblet, Albert H., 343 East 68th st.

Roell, Antone Joseph, 1059 Second
 avenue.
 Roos, Oscar Christian, 2025 Washing-
 ton avenue.
 Ross, Vereker Palmer, 121 E. 53d st.
 Sackheim, Israel, 342 West 38th st.
 Scheuplein, Henry, 353 Fourth ave.
 Schmid, Ernest E., 121 E. 104th st.
 Sheridan, John Vincent, 2011 Third
 avenue.
 Simon, Albert P., 76 West 101st st.
 Sinclair, Charles D., 425 E. 57th st.
 Smith, Carl H., 225 East 28th street.
 Solomon, Arthur Louis, 344 West
 145th street.
 Steinhart, Clarence Victor, 783 Madi-
 son avenue.
 Thompson, Louis Clarence, 950 East
 166th street.
 Tobey, Orville Hurd, 71 W. 94th st.
 Traynier, Reuben Horton, 200 West
 83d street.
 Urban, Charles, 239 East 75th street.
 Van Holland, Jr., H., 442 W. 57th st.
 Vecchio, Louis, 35 Spring street.
 Whiteside, Walter George, 251 West
 133d street.
 Wilcox, Curtis Lawson, West 163d
 street and G. Boulevard.
 Wilcox, John Romeo, West 163d street
 and G. Boulevard.
 Wild, James H., 316 East 125th st.
 Wohlberg, Jos., 90 Avenue B.
 Zellermayer, Maurice L., 434 East
 15th street.

ALUMNI.

1853.

Birdsall, George W., A.B., civil engineer, Department Public Works, 31 Chambers street.

*Brant, James Randolph, A.B.

Clark, George Lyon, A.M., merchant, 96 Duane street.

Compton, Alfred George, A.M., professor, 40 West 126th street.

Corwin, Edward T., A.M., D.D., clergyman, Millstone, N. J.

*Donahue, John Henry, A.B.

Gray, Giles Hubbard, A.M., lawyer, 210 Montgomery street, San Francisco, Cal.

Grout, Thomas J., A.M., inspector, 44 Pearl street.

Hardy, John, A.M., lawyer, 265 Broadway.

Holt, Charles Lorin, A.B., merchant, 139 Maiden Lane.

Hubbell, Charles W., A.M., book-keeper, National Park Bank.

Rayner, Benjamin S., A.M., agent.

Seligman, Isaac, A.B., banker, London, England.

Sparrow, George, A.M., searcher of titles, Hall of Records, Brooklyn.

Steers, James R., Jr., A.B., LL.B., C.C., '63, lawyer, 55 Liberty street.

*Ward, Elijah, A.M.

Wightman, James S., A.B., architect, 214 West 131st street.

1854.

Anderson, Joseph, A.M., D.D., U.T. S., '58; S.T.D., Yale '78, '84; Member Yale College Corporation, Member Am. Antiq. Soc., Member Am. Orient Soc., Member Am. Hist. Soc., Member Am. Philol. Soc., clergyman, Waterbury, Conn.

Babcock, Nichols H., real estate, 5 Beekman street.

Belfour, Edmund, A.M., D.D., clergyman, Pittsburg, Pa.

*Cruikshank, William, A.B., agent.

Denny, John Tappan, A.B., banker, 6 West 34th street.

Donahue, James M., M.S., lawyer.

Douglass, Eugene, A.M., M.D., physician, 409 West 57th street.

*Duncan, Peter H., A.M.

*Forbes, John McL., A.M.

*Gray, William Neil, A.M.

Kimball, Rodney G., A.M., B.S., Ph.D., professor, Polytechnic Institute, Brooklyn.

Little, James A., A.M., D.D., Lafayette, '87, clergyman, Hokendauqua, Pa.

*Moulton, Francis D., A.B.

Nixon, George, A.M., clergyman, Tremont, N. Y.

Post, George E., A.M., M.D., N. Y. U., Fellow Linnean Soc., London, Member N. Y. Acad. Med., Member N. Y. Acad. Sciences, professor surgery, Beirut, Syria.

Velsor, Joseph A., A.B., drugs, 9 Gold street.

Walsh, De Witt C., A.B., engineer.

Walther, Peter, A.B., iron founder, 365 East 123d street.

Weir, Robert Fulton, A.M., M.D., professor, 37 West 33d street.

*White, Charles Belden, A.M., M.D., ass't surgeon, U. S. A.

White, George, Jr., A. M., LL.B., Principal G. S. 70, 207 East 75th street.

*Wightman, Edw. K., A.M.

1855.

*Abel, William Henry, A.M.

*Deceased.

Adams, William Menzies, A.M., N.Y.
Life Ins., 465 Waverley avenue,
Brooklyn.

Allendorph, Charles W., A.B., mer-
chant, Lawrence, Kansas.

*Alvord, Alwin Alonzo, A.M.

Babcock, Hamlin, A.M., real estate,
62 Liberty street.

Baldwin, Simeon, Jr., B.S., banker,
18 Wall street.

*Bayles, Lewis Condit, A.M.

Brinkerhoff, Walter, A.B., clerk, 433
Bergen avenue, J. C. Heights.

Church, Elihu Dwight, A.M., mer-
chant, 129 Pearl street.

Cole, William Madison, A.M., Pres.
Brooklyn Life Ins. Co., 51 Liberty
street.

Daly, Charles, A.M., merchant, 302
Broadway.

*De Camp, William H., A.M.

*Fernandez, Luis, A.B., M.D.

Gardner, Andrew J., A.B., merchant,
114½ Norman avenue, Brooklyn.

*Grant, James H., A.B.

Greenfield, George J., A.M., LL.B.,
lawyer, 35 Broadway.

*Hayes, Charles Gregory, A.B.

*House, Samuel B., A.M.

Jessop, Samuel, A.M., M.D., physi-
cian, U. S. A.

Keyser, Robert Blair, A.M., LL.B.,
C.C., '65, teacher, West 79th street
and 10th avenue.

*Kimball, Warren W., A.B.

Lee, Benjamin F., A.B., LL.D., law-
yer, 20 Nassau street.

Macfarlane, Hugh, Jr., A.B., mer-
chant, 1130 Park avenue.

Mason, Francis Asbury, A.B., clergy-
man, Flemington, N. J.

Mason, James Weir, A.M., professor,
32 West 129th street.

*Post, Henry A., A.M.

Raymond, Russell, A.M., secretary,
501 Fifth avenue.

Rowell, Alfred, A.B., fire insurance,
543 King's Bridge Road, Fordham,
N. Y.

Saunders, Thorndike F., A.M., law-
yer, 170 Broadway.

Searle, Dayton W., A.M., M.D.,
physician, 6 West 127th street.

Wight, Peter Bonnett, A.B., archi-
tect, 225 Dearborn street, Chicago.

Wightman, Charles S., A.B., clergy-
man, Oyster Bay, L. I.

1856.

Baker, Colgate, A.B., merchant.

*Davis, Henry, Jr., A.B.

Hatfield, Robert Frank, B.S., archi-
tectural engineer and accountant,
31 Pine street.

*Howe, John, Jr., A.M., M.D.

Jasper, John, A.M., Superintendent
Schools, 146 Grand street.

Kenyon, John, A.B.

*Leeds, Frederick A., A.B.

McMullen, Francis, A.B., clerk, 174
East 104th street.

McMullin, Arthur, A.M., clerk, Board
of Education, 146 Grand street.

*Muller, Adrian H., Jr., A.B.

*Pinkney, Howard, A.M., M.D.

Pratt, Charles Henry, A.M., real
estate, Minneapolis, Minn.

Ranney, Julius Harris, A.M., LL.B.,
lawyer.

*Rising, Franklin S., A.M.

*Sherman, Henry, A.B.

Sturgis, Russell, A.M., Ph.D., archi-
tect, 307 East 17th street.

*Van Buren, James L., A.B.

Walker, Aldace A., A.B.

*Ward, John Edward, A.B.

Wheeler, Everett P., A.M., Dart-
mouth College, LL.B., Harvard
College, Member Board of Educa-
tion, 1877-'79; Chairman Municipal
Civil Service Board, 1883-'89;

*Deceased.

Author of "The Modern Law of Carriers"; "Wages and the Tariff," lawyer, 45 William street.

1857.

Abbe, Cleveland, A.M., Ph.D., LL.D.,
U. S. Signal Service, 2017 I street,
Washington, D. C.

Babcock, Jared Starr, A.M., stationer,
2083 Fifth avenue.

*Banning, Wells T., A.B.

*Bell, Joseph William, A.M.

*Bloomfield, Smith, A.M., B.S.,
LL.B.

*Brush, Charles T., M.S.

Church, James Austin, A.B., B.S.,
merchant, 129 Pearl street.

Denman, William M., A.M., LL.B.,
lawyer, 5 Beekman street.

Fanning, David Green, A.B., clerk,
Fourth Nat. Bank, N. Y.

*Fisk, Samuel Nelson, A.M., M.D.

*Hawes, Geo. Elias, A.B., B.S., M.D.

*Jelliffe, Samuel Gould, A.M.

*Kitchel, Charles Henry, A.M., law-
yer.

*McMullen, Patrick, A.B.

Maxwell, Samuel, A.M., B.S., clergy-
man, 15 Lincoln avenue, Alle-
gheny, Pa.

Myers, Oscar, A.M., merchant, 16
Beekman street.

Roberts, John Sinclair, A.M., B.S.,
Member N. Y. Hist. Soc., evan-
gelist, Morris Plains, N. J.

*Solomon, Nathan, M.S.

*Van Deusen, Sylvester, A.B.

Van Sicken, George W., M.S., LL.B.,
lawyer, 108 Fulton street.

Werner, Adolph, M.S., Ph.D., pro-
fessor, 339 West 29th street.

1858.

Banks, William Mellen, A.M., broker,
Portchester, N. Y.

Beneville, Emile, A.M., LL.B., C.C.,
lawyer, 229 Broadway.

Blake, Theodore A., A.B., mining
engineer, New Haven, Conn.

Childs, A. Frederick, B.S., book-
keeper, 17 Burling slip.

*Clark, John, A.B.

*Crowther, Thomas, A.M.

Ely, John Andrews, A.B., real estate,
64 Cedar street.

Godwin, James, A.M., assistant super-
intendent, 146 Grand street.

*Hallock, William K., A.M., M.D.

*James, Charles Arthur, A.B.

Ketchum, Alex. P., A.M., LL.B.,
lawyer, 4 William street.

*Kirkland, William, A.B.

Kursheedt, Manuel A., A.M., lawyer,
35 Warren street.

McKee, Thomas J., A.M., lawyer,
237 West 24th street.

*Moriarty, Henry E., A.B.

Pettigrew, John Fisher, A.B., book-
keeper, Hackensack, N. J.

Plyer, Charles Whiting, A.B., insur-
ance, 420 Broome street.

Pullman, J. Wesley, M.S., secretary
and treasurer, 240 South Third
street, Philadelphia, Pa.

*Sands, Walter Seabury, A.B., LL.B.

*Sloan, Henry King, A.B.

Sturges, Peter D., A.B., merchant.

Tomkins, Elliott D., A.M., clergy-
man, Calvary Chapel, 23d street,
near Third avenue.

Utter, George Spencer, A.B., coal
dealer.

*Vehslage, Henry, Jr., A.M., clergy-
man.

Whittemore, Samuel W., B.S., arch-
itect, East Orange, N. J.

1859.

Appleton, John Perrin, A.M., clergy-
man, Nutley, N. J.

Boarer, James, Jr., A.B., florist.

*Carolín, John Aloysius, M.S.
 Dresser, Horace E., A.M., merchant,
 343 Broadway.
 Elliott, Richmond B., A.M., M.D.,
 V.P.G.S. 32, 25 East 129th street.
 Fackler, David Parks, A.M., actuary,
 20 Nassau street
 Fitzpatrick, James C., A.M., editor.
 Gardiner, Asa B., A.M., LL.D.,
 Major, U. S. A., judge advocate,
 Garden City, N. Y.
 Gilley, Franklin W., Jr., A.M.,
 broker, Drexel Building.
 Howland, Elijah A., A.M., Principal
 G. S. 68, 207 West 135th street.
 Hudson, Wilbur Fisk, A.B., Principal
 G. S. 18, 121 East 51st street.
 Ireland, Oscar Brown, A.M., Act.,
 Mass. Life, Springfield, Mass.
 *Knox, James, A.M., LL.B.
 Lozier, Abraham W., A.M., M.D.,
 physician, 339 West 46th street.
 Mackie, Simon Frazer, A.M., mer-
 chant.
 Man, William, A.M., lawyer, 56 Wall
 street.
 Martin, Benjamin Ellis, M.D., physi-
 cian, London, England.
 Merritt, Mortimer C., M.S., architect,
 1267 Broadway.
 *Quinn, William Bernard, A.M.
 *Sanders, Reid, A.B.
 Seaman, James Alfred, A.M., lawyer,
 54 William street.
 Sherman, Gardiner, A.B., 214 West
 End avenue.
 *Southworth, Joseph, B.S.
 Sullivan, Dennis F., A.M., book-
 keeper, 64 Pearl street.
 Sutton, John Joseph, A.B., merchant,
 Rye, N. Y.
 Tanzer, Arnold, A.M., merchant, 465
 Broome street.
 Tisdall, Fitz Gerald, A.M., Ph.D.,
 professor, 17 Lexington avenue.

Wood, Edward A., A.B., merchant,
 178 Fulton street.

*Woodruff, Lockwood D., A.B.,
 M.D.

Woolf, Solomon, A.M., professor,
 261 West 134th street.

1860.

*Adams, Samuel G., B.S.

Allison, Thomas, A.M., lawyer, 59
 Liberty street.

*Balch, Charles Leland, A.M.

Black, George A., A.B., LL.B., C.C.,
 lawyer, 44 Pine street.

Bradley, Edward A., A.M., D.D.,
 clergyman, 121 West 91st street.

Buckmaster, John W., A.B., clergy-
 man, Tuckahoe, N. Y.

Chappell, William, A.B., clerk, 86
 Pike street.

Chollar, Byron Edgar, A.B., engineer,
 St. Louis, Mo.

Connor, Rowland, M.S., lawyer,
 Saginaw, Mich.

*Crocheron, Reuben, A.B.

*Crosby, Frank Butler, A.B., 1st
 lieutenant 4th U. S. Artillery.

*Delaney, John J., A.B., Principal G.
 S. 12.

de Peyster, Fred. J., A.M., LL.B.,
 lawyer, 7 East 42d street.

*de Peyster, Jacob. A., A.M.

Dwight, Melatiah E., A.M., M.D.,
 clergyman, Plainfield, N. J.

Easton, Robert T. B., A.M., LL.B.,
 lawyer, 120 Broadway.

*Goodwin, Fred. J., A.B.

Grant, Rich. Suydam, A.B., banker,
 33 Wall street.

*Gray, William C. Bryant, B.S.

*Hart, Henry Le Baron, A.M., M.D.
 Hiscock, Freeman, A.B.

Hobart, Frederick, A.M., editor, 253
 Broadway.

*Deceased.

Hyatt, Stephen Burdett, A.M., LL.B.,
C.C., '62, Member Medico-Legal
Soc., Member Archæological Soc.,
lawyer, 146 Broadway.

James, Josiah, A.B., Penn, Florida.

*Keith, C. Clarence T., A.B.

Ketchum, Edgar, A.M., LL.B., C.C.,
lawyer, 4 William street.

*Loveridge, Henry, M.S.

Mackeller, Thomas, A.B., lawyer,
132 Nassau street.

Markoe, Francis, A.B., editor, Balti-
more, Md.

McCutcheon, Edward, A.M.

Meeks, Ed. Bartlett, A.B., clerk, 30
Vesey street.

*Nesbitt, Alexander, A.M.

*O'Brien, William, A.M.

O'Neil, Henry P., A.M., LL.B., C.C.,
'73, Ph.D., Principal G. S. 1, 331
East 120th street.

Rawolle, Frederick, M.S., engineer.

Sherwood, Scott R., A.M., lawyer,
140 Nassau street.

Smith, William C., B.S., builder, 71
Perry street.

Thurman, William, A.B., M.D.,
physician, 107 West 86th street.

Torrey, Herbert Gray, A.B., U. S.
Assayer, 32 Wall street.

*Trainor, Eugene F., A.B.

Tremain, H'y Edwin, A.B., LL.B.,
lawyer, 167 Broadway.

Van Boskerck, R. T., A.M., LL.B.,
C.C., '64, lawyer, 121 Nassau st.

Weightman, George, Jr., A.M., treas-
urer Hazard Powder Co., 46 Cedar
street.

White, Henry Kirke, M.S., LL.B.,
lawyer, St. Joseph, Mo.

Wood, Joseph Lane R., M.S., mer-
chant, 115 Nassau street.

*Young, Ed. Francis, major 4th N.Y.
Vol. Heavy Artillery and major
U. S. A.

1861.

Ascough, Theodore G., B.S., cler^g,
171 West 11th street.

*Bancker, Marinus W., A.M.

Briggs, Benj. Mills, M.S., M.B.,
physician, 106 Willoughby street,
Brooklyn.

Childs, Evander, Jr., M.S., Principal
G. S. 61, 153 E. 117th street.

Cooper, George C., A.B., LL.B.,
C.C., 113 East 21st street.

Cox, Edwin Marion, A.M., broker,
66 Exchange place.

Crosby, William B., A.B., LL.B.,
lawyer, 120 Broadway.

*Elliott, Gilbert M., A.B., major 102d
N. Y. Vols., colonel U. S. Vols.

Hopkins, S. Milford B., A.B., clerk,
52 Wall street.

*Hopping, Edward C., A.B.

Hyde, Edwin Francis, A.B., LL.B.,
C.C., lawyer, 54 Wall street.

Kelly, Edward C., A.M., secretary,
322 East 87th street.

Kennedy, Theodore W., B.S., manu-
facturer, P. O. Box 70, Jersey City.

Kennedy, Thomas J., A.M.

*Kiernan, Lawrence D., A.M., LL.B.

*Kimball, William C., M.S.

King, James, Jr., A.B., druggist, 20
Catherine street.

Kingsland, Phineas C., searcher,
Comptroller's office, 280 Broadway.

Kirkland, Charles P., Jr., lawyer.

Little, William, A.B., maltster,
Media, Del. Co., Pa.

Lowrey, James Patchell, A.B., law-
yer, 61 Wall street.

Man, Frederick H., A.B., LL.B.,
C.C., lawyer, 56 Wall street.

McGeorge, William, Jr., A.M., law-
yer, Bullitt Building, 4th street,
above Walnut street, Philadelphia.

Mitchell, Roland G., Jr., B.S., mer-
chant, 141 Water street.

*Morrison, James E., A.M., LL.B.
 *Murphy, James, A.M.
 Orr, Robert, A.B., merchant, 388 Pearl street.
 *Pullman, James Henry, B.S.
 Raymond, James Loder, A.B., clerk in Comptroller's office, 280 Broadway.
 *Roberts, George W., A.B.
 Sanger, William Henry, B.S., clerk, Comptroller's office, Albany, N. Y.
 Selva, Henry C., A.M. 2d lieutenant 87th N. Y. Vols., brevet 1st lieutenant N. Y. Vols., 1st lieutenant 3d U. S. Heavy Artillery, 11 Cliff street.
 *Slade, Frederick Jarvis, A.B.
 Speir, Archibald W., B.S., LL.B., lawyer, 26 Broad street.
 *Starkey, David James, A.B.
 Taylor, Alfred Henry, B.S., Barnegat, Ocean Co., N. J.
 *Terry, David Dean, A.M., LL.B.
 *Thurston, George W., A.M., B.S.
 *Turner, John Hamilton, A.M., LL.B.
 Vienot, Emile, A.B., teacher, Jamaica, L. I.
 *Watson, George W., A.B.
 Weldon, John, Jr., A.B., bookkeeper, Newark, N. J. (P. O. box 165).
 West, William F., A.M., cashier, 64 Broadway.
 White, Cyrus Baker, B.S., broker.
 White, Jefferson H., A.M., merchant, 104 Duane street.
 Wiley, William H., A.B., publisher, 53 East 10th street.
 Wilson, Thaddeus, A.M., lawyer.
 Wood, Joseph Simeon, A.M., LL.B., C.C., lawyer, Mt. Vernon, N. Y.
 Young, Nathaniel, A.B., broker.

1862.

Adams, Augustus R., B.S., merchant, 59 Liberty street.
 Aiton, William, A.B., lawyer.

Berryman, Wilson, A.M., clerk, 421 West 43d street.
 Boyer, Edward H., A.M., Principal G. S. 87, 79th street and 10th avenue.
 Brekes, David, A.B., M.D., physician, 319 East 51st street.
 Brower, John Lovett, A.M., LL.B., C.C., lawyer, 145 Broadway.
 Cahill, Wm. Edward, A.B., teacher.
 Carley, Eldred A., A.M., LL.B., lawyer, 76 Chambers streets.
 Dwight, Elihu, A.M., leather manufacturer, 141 Sixth avenue, B'klyn.
 *Fitch, Aug's Dennis, A.B.
 Granberry, William H., A.B., broker, 18 New street.
 Honner, John, B.S., real estate.
 Hoyt, Harlow Mather, A.M., LL.B., C.C., R. R. president, East Orange, N. J.
 Koch, Joseph, M.S., LL.B., lawyer, 45 Broadway.
 Lee, Arthur Malachi, A.M., LL.B., C.C., V. P. G. S. 22, Bloomfield, N. J.
 Lord, Henry, A.B., 58 West 57th street.
 McAfee, Knox, A.B., broker, 352 West 30th street.
 *Michaelis, Otho Emil, A.M., M.S., Ph.D.
 Needham, George G., A.M., M.D., B.H.M. Col., '65; Ph.G., N. Y. Col. Pharm., '83, Member Amer. Acad. Medicine, physician, 218 East 19th street.
 Newschafer, William H., A.M., LL.B., lawyer, 169 Broadway.
 Page, James Seaver, B.S., merchant, 132 West 58th street.
 Roberts, Charles, Jr., A.M., LL.B., C.C., professor, 61 East 73d street.
 Roberts, Nathan B., A.B., importer, 10 Washington place.

*Deceased.

*Sanger, Adolph Lewis, A.M., LL.B.,
C.C., '64, Presidential Elector '84,
President N. Y. Board of Alder-
men, '85-86, Commissioner of Edu-
cation '88, lawyer.
Slocum, William Edward, M.S.,
LL.B., C.C., '64, lawyer, Ever-
green, Queens Co., N. Y.
*Snow, George W., Jr., A.B.
Spencer, Galen Carter, Jr., A.M.,
clerk.
Stoutenburg, William, A.B., weigher,
33 S. William street.
Strong, Richard Polk, A.B., captain,
U.S.A., Fort McHenry, Balt., Md.
Stuart, Sidney H., M.S., LL.B., C.C.,
lawyer, 60 Broadway.
*Sutherland, John, A.B.
*Trippe, James Matthews, A.M.,
Brevet Brigadier General, U. S.
Vol.
Ward, Caleb Theophilus, A.M.,
clergyman, 167 West 49th street.

1863.

Baldwin, Truman H., A.M., LL.B.,
lawyer, 31 Nassau street.
Blauvelt, John H. K., A.M., lawyer,
140 Nassau street.
Blumenstiel, Alexander, A.M., lawyer,
322 Broadway.
Clark, George Crawford, A.B.,
banker, 51 Wall street.
Crosby, Henry Ashton, A.B., ass't
secretary, 10 Wall street.
Dwight, John Elihu, A.B., merchant,
11 Old Slip.
*Ferrier, Thomas, Jr., A.M.
Ferrier, Wm. Walker, A.M. clerk,
346 Broadway.
*Fisher, E. W., A.M., M.D., P. & S.,
'71, teacher.
Forbes, Arthur, Jr., M.S., teacher and
clergyman, 432 East 58th street.

*Frost, Robert Browne, B.S.
*Garrish, John Poole, Jr., A.M., M.D.
*Gore, Martin Alonzo, B.S.
Gumbleton, Henry A., A.B., LL.B.,
lawyer, 291 Broadway.
*Hartt, James Main, A.B.
*Hewitt, Alfred, A.M.
Hickok, George Benedict, A.M., M.D.,
physician, 346 East 4th street.
Howland, H. Raymond, A.M., mer-
chant, Buffalo, N. Y.
Jenkins, Aug. Shotwell, B.S., 10
West 21st street.
*Labagh, Isaac Meade, A.B.
Lomia, Luiga, M.S., captain, 5th
Artillery, U. S. A., Ft. Canby,
Wash.
*Marshall, James, A.M., clergyman.
*Monell, Ambrose, A.M.
*Morse, Gilbert Livingston, A.M.
Mott, Richard Emery, A.B., book-
keeper, 307 West 47th street.
*O'Rourke, John, A.B.
Owen, Ed. Livingston, A.B., lawyer,
16 Exchange place.
Perham, Theodore Aug., A.B., book-
keeper, 19 Cliff street.
Roberts, Wm. Henry, A.M., D.D.,
W. Univ., Penn., '84; LL.D.,
Miami Univ., '88, clergyman, 1334
Chestnut street, Phila.;
Steele, Henry S., A. B., real estate,
255 West 104th street.
Stephens, George Washington, A.M.,
LL.B., C.C., lawyer, 132 Nassau st.
Thompson, Edw. Lush, B.S., agent.
*Throckmorton, B. W., A.B.
Van Vleck, Ab'm Kipp, A.B., teacher,
57 W. 10th street.
*Walker, James Henry, B.S.
Wandell, Townsend, A.M., LL.B.,
C.C., lawyer, 51 Chambers street.
Wood, George Warren, A.M., clergy-
man, Mackinaw City, Mich.
*Zabriskie, Lemaire, A.B., M.D.

*Deceased.

1864.

Bull, William Lanman, A.B., broker,
38 Broad street.

*Burrell, Philip Ware, A.B.

Candler, James R., M. S., real estate,
209 East 34th street.

*Clarkson, John Abbott, A.B.

Coddington, Henry K., M.S., LL.B.,
lawyer, Passaic, N. J.

Demarest, George Fran., B.S., lawyer,
32 Nassau street.

Dohrman, Aug. Fred., A.M., mer-
chant, 93 Wall street.

Dougherty, Michael Angelo, A.B.,
clergyman.

Dwyer, Michael J., M.S., V. P. G. S.
23, 66 East 127th street.

Edmunson, H. J. N. P., M.S., teacher.

Flammer, Chas. A., M.S., Member
Assembly, '72, Police Justice, '73-81,
lawyer, 280 Broadway.

Fuller, Luther Mason, B.S., merchant,
89 and 91 Warren street.

Gimbernath, Teofilo, B.S., merchant,
Sewaren, N. J.

Glassford, John H. N., B.S., superin-
tendent, 33 Eleventh street, Hobo-
ken, N. J.

Goebel, Lewis S., A.B., lawyer, 254
Broadway.

*Harsen, John Pease, A.M.

Hartt, Clinton Jones, A.M., assistant
actuary, 32 Nassau street.

Herz, Cornelius, M.S., M.D., physi-
cian.

Hoe, George Edgar, B.S., Trustee
16th Ward Schools, '88-90, builder,
10 Liberty place.

Hornthal, Lewis Marx, A.M., Trustee
19th Ward Schools, merchant, 670
Broadway.

*Hudson, E. Darwin, Jr., A.M., M.D.

Jacob, Ephraim Arnold, B.S., LL.B.
C.C., '66, lawyer, 322 Broadway.

*Kane, Jasper Theo., A.M.

King, William Henry, A.M., U. S.
Com. for Northern Dist. N. Y., 29
Broadway.

*Kingsland, Isaac Stanley, B.S.

Lauterbach, Edward, A.M., lawyer,
120 Broadway.

Leventritt, David, A.B., LL.B.,
N.Y.U., '84, lawyer, 280 Broadway.

Mackie, George Barclay, A.B., mer-
chant, 24 Beaver street.

Man, Albon Platt, Jr., A.B., C.E.,
assistant engineer, Temple Build-
ing, St. Louis, Mo.

Mayer, George Fred., A.M., town lot
agent, U. P. R. R.

McAdam, Lucius, M.S., lawyer, 171
Broadway.

Moore, Edgar Wells, A.B., cashier,
121 Fulton street.

*Oakley, Charles Edward, M.S.

Patterson, Seely Ben., B.S., Member
Am. Inst. Min. Eng., superintend-
ent mines, Phillipsburg, N. J.

*Quackenbush, A., Jr., A.B.

*Spingarn, Siegmund, A.B.

*Ward, Fred. Butler, A.B.

Warth, John Wm., Jr., A.M., M.D.,
P. & S., '68, physician, 569 Madison
street, Brooklyn.

Westerfield, Wm., A.M., M.D., Bell.
Hosp. Med. Coll., '94, physician,
109 West 123d street.

White, John Stewart, A.B., importer,
87 Worth street.

1865.

Bronson, R. Donaldson, A.B., 16 Ex-
change place.

Clinch, Edward Sears, B.S., LL.B.,
C.C., lawyer, 115 Broadway.

*Crosby, John Player, A.B.

Drach, William, A.M., 62 Forsyth st.

Easton, Peter Zaccheus, A.M., D.D.,
U.T.S., '70, Missionary, Tabriz,
Persia.

*Deceased.

Friedlander, Leonard, A.B., B.S., merchant.

Gilman, Daniel Trimble, A.B., real estate, Sioux City, Iowa.

Greene, Albert Terry, M.S., insurance, 32 Nassau street.

Griffen, Benjamin, A.M., merchant, 37 West 58th street.

Heiser, William Henry, A.B., hardware, 37 West 45th street.

Hitchcock, Urban G., A.M., M.D., P. & S., professor, 51 West 29th street.

*Hunt, John Sandford, A.M.

Knapp, John Augustus, A.M., E.M., mining engineer, Salt Lake City, Utah.

*Krieg, George, A.B.

Lane, William Henry, A.B., merchant, 207 West 43d street.

Lyng, Jandine, B.S., lawyer, 120 Broadway.

Moore, William, B.S., clerk.

Murray, Wm. Maitland, A.M., broker, 28 West 127th street.

Penfield, John Benjamin, A.M., book-keeper.

Remsen, Ira, A.B., M.D., P. & S., Ph.D., Göttingen, LL.D., C.C., '93, professor, Johns Hopkins Univ., Balt., Md.

Sampson, Francis Asbury, A.M., LL.B., N.Y.U., lawyer, Sedalia, Mo.

*Shach, Rudolph William, A.B.

Sieberg, William Henry J., A.M., Principal G. S. 43, 158 East 124th street.

Smith, Charles Henry, M.S., LL.B., C.C., lawyer, 70 Essex street.

Stitt, John Henry, A.B., LL.B., lawyer, 113 Fulton street.

Stratford, Thomas, M.S., civil engineer, Department Public Works, 31 Chambers street.

Stratford, Wm., A.M., M.D., Ph.D., professor, 17 Lexington avenue.

Tracy, Charles Edward, A.M., LL.B., lawyer, 45 William street.

Van Arsdale, Wm. H., A.M., E.M., C.C., vice-president, 184 Lasalle street, Chicago, Ill.

1866.

Bancker, Aldert Hutton, A.M., lawyer, 38 Wall street, and Board of Health, 301 Mott street.

Brinckerhoff, Charles H., A.M., actuary, 269 High street, Newark, N. J.

Brittain, Thomas Jesse, M.S., artist, 134th street, near Willis avenue.

Cahen, Solomon P., A.B., M.D., physician, 227 West 44th street.

Carr, Henry Snyder, A.M., tutor, 133 Manhattan avenue.

Casey, Joseph James, A.M., teacher, G. S. 83, 42 East 112th street.

Cunningham, Richard J., B.S., clerk.

Eurich, Frederick Ernst, A.B., mining engineer, Aurora, Ill.

Gordon, Read, B.S., manufacturer, 563 Greenwich street.

Hall, Charles Lemon, M.S., clergyman, Fort Berthold, N. D.

Hallock, James C., Jr., M.S., M.D., physician, 124 West 104th street.

*Hasson, John Augustin, A.B.

Hershfield, Abraham, A.M., lawyer, 287 Broadway.

Hibbard, Charles Mould, A.M., life insurance, 171 Broadway.

Korminsky, Henry, M.S., merchant, 244 East 30th street.

*Lee, Hugh, A.B.

*McAdam, Randolph, A.M.

*Newton, Henry, A.B., E.M., Ph.D.

Orvis, Henry Paine, B.S., banker.

Saulnier, Kenton, B.S., merchant, Bradford, Pa.

Saunders, Richard J., B.S., clerk.

*Scully, Thomas Francis, B.S.
 *Smith, David Lowber, B.S., Engineer of Mines, Ecole des Mines, Paris, 1869; Ass't Eng'r Dep't City Works, Brooklyn, 1870-'78; Ass't Eng'r Dep't Public Works, N. Y. City, 1878-'85; Deputy Com'r Public Works, 1885-'88; Commissioner of Public Works, 1888-'89; Collector of Assessments, Comptroller's office, N. Y. City, 1890-'91; Ass't Deputy Comptroller, 1891; Consulting Engineer, City of Bridgeport, Alabama; Member Am. Soc. Civil Engineers.
 Vanderbilt, Edgar, M.S., Principal G. S. 11, 334 West 124th street.
 Wotton, James A., Jr., A.M., merchant, 170 Greene street.

1867.

Arkenburgh, Oliver M., A.B., merchant, 78 Broad street.
 *Blondel, Eugene, A.B., M.D.
 Bushe, Eugene L., A.M., lawyer, 150 Broadway.
 Chapman, Henry F., A.B., clerk, 48 East 26th street.
 Cumming, William J., A.B., clergyman, Yorktown, N. Y.
 *Donaldson, James F., M.S.
 Dudley, Edward B., A.B., merchant.
 *Elliott, Selah H., A.B.
 Farnsworth, James M., B.S., architect, 44 Broadway.
 Farrell, Edward D., B.S., Assistant Superintendent of Schools, 146 Grand street and 163 East 124th street.
 *Fellows, Louis, A.M., LL.B.
 *Goldsmith, Eleazer, A.M.
 Grau, Maurice H., A.M., theatrical manager, Metropolitan Opera House, N. Y.

*Grunhut, Bernhard, A.M., M.D., physician.
 *Hanks, Arthur M., A.M.
 Harding, Henry C., M.S., LL.B., lawyer, 239 Broadway.
 Hess, William C., M.S., Principal G. S. 19, 439 East 118th street.
 Hindhaugh, Wm., Jr., A.M., Oswego, N. Y.
 Hiscox, Charles E., A.M., clergyman.
 *Ketchum, Daniel P., A.M.
 Kimball, Charles O., A.B., dentist, 27 West 38th street.
 Moore, William L., A.M., teacher, 127 Cumberland street, Brooklyn, N. Y.
 Nutting, Lucius H., B.S., R.R. agent, 343 Broadway.
 Patterson, Franklin B., B.S., advertising agent, 177 Broadway.
 Ray, Martin H., A.M., P. G. S. 51, 416 West 55th street.
 Seaman, Samuel E., A.M., teller, 149 West 87th street.
 Scott, Francis M., A.M., LL.B., lawyer, Tryon Row.
 Simmons, William G., M.S., clergyman, 9th avenue and 59th street.
 *Smith, George W. P., A.B.
 Stevenson, William S., A.B., 514 Pine street, St. Louis, Mo.

1868.

Angel, Frank Warner, A.B., lawyer, 108 Fulton street.
 Blauvelt, Gerrit Franklin, A.B., M.D., P. & S., physician, Nyack, N. Y.
 Bowker, Richard R., A.B., editor, 330 Pearl street.
 Buckley, Lawrence C., A.B., teacher, G. S. 40, Ridgely Park, N. J.
 Chambers, Theo Frel., A.B., clergyman, German Valley, N. J.

*Deceased.

Chesebro, Luke Barber, A.B., ass't supt.

Crawford, Gilbert Holmes, A.B., LL.B., lawyer, 229 Broadway.

Cronly, John Edward, B.S., LL.B., lawyer, 5 Beekman street.

Cruse, Thomas K., A.M., M.D., Bell. Hosp. Med. Coll., physician, Wappinger's Falls, N. Y.

Cunningham, C. Jerome, B.S., clerk, 554 West 28th street.

Delafield, Albert, A.B., LL.B., C.C., lawyer, 45 Cedar street.

Goldschmidt, S.A., A.M., E.M., C.C., '71; Ph.D., Emory Col., '75; Asst. Ohio Geol. Survey, '71; Fellow Chem. Soc., London; Fellow Am Association Adv. Science, chemist, Columbia Chemical Works, Brooklyn.

Gregory, Benjamin C., A.B., Sup't Schools, Trenton, N. J.

*Hamlin, Frederick H., A.B.

*Howe, Walter M. S., LL.B.

Kelly, Stephen, A.B., M.D., physician, 3 East 73d street.

Kelly, William Henry, B.S., LL.B., lawyer, 7 Beekman street, 337 East 15th street.

Knox, John M., A.B., LL.B., C.C., lawyer, 145 Broadway.

McDonald, Albert G., A.B., Supervisor Kings Co., '76-80; Civil Service Com'r, Kings Co., '90; Corporation Counsel, City of Brooklyn, lawyer, 16 Court street, Brooklyn.

McMaster, Robert B., B.S., LL.B., lawyer, 48 Wall street.

Milliken, Peter, Jr., A.B., editor, Montgomery and Sacramento streets, San Francisco, Cal.

*Pitshke, William F., B.S., LL.B.

Pope, William Barent, A.B., clerk, 100 East 85th street.

*Seaman, Richard Reece, A.B.

Sim, John Robert, A.B., instructor, New Rochelle, N. Y.

Stuart, Benjamin Hale, A.B., clerk, 244 N. Broadway, Baltimore, Md.

Webb, Henry T., B.S., clerk.

Woodford, Franklin E., B.S., lawyer, 291 Broadway.

Wright, Frederick A., A.B., M.D., physician, Glen Cove, L. I.

1869.

Allen, Sturges, B.S., B.D., G.T.S., clergyman, Westminster, Md.

Baker, George A., Jr., A.B., LL.B., lawyer.

Baldwin, Harris Judson, A.B., civil engineer, Hudson, Wis.

Burchard, Thomas H., A.M., M.D., physician, 7 East 48th street.

Chalmers, William I., A.B., clergyman, Riverhead, N. Y.

Chesebro, George, A.B., ass't sec'y and comptroller, 26 B'way.

Claffin, John, A.B., merchant, 140 Church street.

Clark, James Oliver, A.B., LL.B., lawyer, 20 Nassau street.

*Clark, William Henry, A.M., LL.B.
Fowler, George B., A.B., M.D., P. & S., physician, 56 West 50th street.

Geyer, Wm. Ernst, A.B., B.S., Ph.D., professor, Stevens Institute, Hoboken, N. J.

Gratacap, Louis P., A.M., Ph.B., C.C., Ass't Curator Am. Mus. Nat. Hist., Central Park.

*Hanekamp, John H., B.S.

Hiscox, Edwin Thomas, A.B., clergyman, Iowa City.

Hiscox, Henry Orne, A.M., clergyman, Malden, Mass.

Hoope, Anthony Joy, A.B.

*Deceased.

Jakobi, Alphonse A., B.S., A.M., LL.B., C.C., lawyer, 14 Church street.

Julien, Matthew C., A.B., clergyman, New Bedford, Mass.

*Kelly, Peter Joseph, A.B., LL.B.

Lay, Geo. C., Jr., A.M., LL.B., C.C., lawyer, 20 Nassau street.

McGuckin, Wm. G., A.B., LL.B., C.C., instructor, 17 Lexington ave.

Mackean, James, B.S., teacher, 91st street, near Fourth avenue.

Maconnell, James M., B.S., manufacturer, Morrisania, N. Y.

Maguire, John T., B.S., Principal G. S. 35, 60 West 13th street.

*Matthews, Edward Loree, Jr., A.B.

Miller, Theodore F., A.B., LL.B., lawyer, 229 Broadway.

Mottet, Henry, A.B., clergyman, 47 West 20th street.

*Nehrbas, Chas. J., B.S., LL.B.

O'Donnell, Wm. H., B.S., journalist, 120 Nassau street.

Patterson, Henry Turner, A.B., merchant, 146-150 Centre street.

Ritterband, D. S., A.B., LL.B., lawyer, 57 Broadway.

Rush, Thomas J., B.S., lawyer, 68 Beaver street.

Sheffield, James Carey, A.M., LL.B., lawyer, 173 Broadway.

Shepard, Edward Morse, A.B., Com'r Civ. Service, Brooklyn, '83-85; Chairman Civ. Serv. Com., Brooklyn, '88-90; N. Y. State Forestry Com'r, '84-85; author of (1) "Life of Martin Van Buren," Statesmen Series; (2) "Memoirs of Dugdale;" Member Cobden Club, England; lawyer, 111 Broadway.

Teas, John, A.M., Ph.D., D.D., Univ. Omaha, '90, clergyman, 3806 Hamilton street, Philadelphia, Pa.

Townley, John Francis, B.S., P. G. S. 12, 371 Madison street.

Tully, Marcus Edward, B.S., M.D., physician, 167 West 130th street.

Tytler, Geo. Edwin, B.S., M.D., physician, 113 West 126th street.

Wheaton, John Roland, A.B., Mt. Vernon, N. Y.

Wilds, Howard Payson, A.B., LL.B., C.C., lawyer, 34 Pine street.

Wing, Frank Luman, A.B., piano manufacturer, 521 West 24th street.

*Wray, Joseph Bowman, B.S.

1870.

Abbe, Robert, A.B., M.D., P. & S., physician, 11 West 50th street.

Bourquin, Louis, B.S.

Cardozo, M. H., B.S., LL.B., N.Y.U., lawyer, 120 Broadway.

Clark, Nathan, Jr., B.S., caterer, 22 West 23d street.

Clay, George Everson, B.S., real estate and insurance, 5 Jackson avenue, Long Island City, N. Y.

Crowell, John Beverly, B.S., M.D., physician, 157 West 21st street.

Doremus, Charles Avery, A.M., M.D., Ph.D., instructor, 59 West 51st st.

Furey, Joseph George, A.B., teacher, G. S. 40, 79 Keap street, Brooklyn.

*Halstead, Isaac Coutant, B.S.

Huxley, Thomas Charles, B.S., lawyer, Centreville, Alameda Co., Cal.

Innes, John Henry, B.S., LL.B., lawyer, 291 Broadway.

Jackson, Samuel M., A.M., LL.D., Wash. and Lee Univ., Va.; D.D., N.Y.U., clergyman, 14 East 31st st.

Jennings, Arthur Bates, A.B., architect, 239 Broadway.

Jessup, Charles B., A.B., lawyer, 256 Broadway.

*Deceased.

Jordan, L. C. Levin, B.S., stenographer, 128 West 61st street.
 Kelsey, Charles Boyd, A.B., M.D., Prof. Diseases of Rectum in the University of Vermont, 1890; Prof. N. Y. Post Graduate Medical School and Hospital, 1890-'91; Member N. Y. Acad. Medicine, Member N. Y. Co. Medical Soc., Member N. Y. Clinical Soc., physician, 25 Madison avenue.
 Kinch, Charles Augustus, A.B., M.D., P. & S., physician, 285 West 70th st.
 Ledwith, James J., B.S., Spring Valley, N. Y.
 *Lloyd, David Demarest, A.B.
 Lyon, Addison Jesse, A.B., LL.B., teacher, 337 West 11th street.
 McAdam, Graham, A.M., lawyer, 308 West 20th street.
 McBride, Charles Clinton, A.B., editor, Elizabeth, N. J.
 Montgomery, John H., A.B., LL.B., lawyer, 32 Nassau street.
 Nettleton, Charles Hine, B.S., manager Gas-works, Birmingham, Conn.
 Smidt, Allan Lee, B.S., lawyer, Have-meyer Building, New York City.
 Underhill, Fred. Lacy, A.B., engineer, 43 Lafayette place.
 Waterbury, John Isaac, B.S., banker, Wall and Nassau streets.
 White, Thomas R., B.S., LL.B., lawyer, 2 Wall street.
 Whitley, Jonas Ezra, B.S., journalist, 428 West 20th street.
 Wilcox, William Henry, B.S., clerk.

1871.

Acton, John Whittaker, B.S., cashier, 171 Duane street.
 Alker, Alphonse Henry, B.S., LL.B., C.C., lawyer, 11 Pine street.
 Anderson, Frank, A.B., M.D., P. & S., physician, Surgeon, U.S.N.

Bernhardt, Joseph, B.S., teacher, 418 East 84th street.
 *Blun, Abraham, B.S., C.E.
 Bontecou, Daniel, B.S., chief engineer, Kansas City, Fort Scott & Memphis R.R., Kansas City.
 Cardozo, Daniel Henry, B.S., electro-typer, 220 William street.
 Dougherty, J. Hampden, A.B., LL.B., C.C., lawyer, 7 Nassau street.
 Edwards, W. DeForest, A.B., Ph.B., LL.B., lawyer, 111 Broadway.
 *Ford, Thomas J. I., A.B., M.D.
 Frank, Julius Jos., A.M., B.S., LL.B., C.C., lawyer, 27 Pine street.
 Frazee, William Youle, B.S., merchant, 601 West 33d street.
 Geehr, Thomas Le Van, B.S., book-keeper, 56 Middagh st., Brooklyn.
 *Haber, Henry Isaac, M.S.
 Heineman, H. Newton, B.S., M.D., physician, 49 West 57th street.
 Jefferis, Charles Torbert, A.B., clerk.
 Livingston, Solomon B., A.B., LL.B., lawyer, 93 Nassau street.
 Lydecker, Charles E., B.S., LL.B., lawyer, 120 Broadway.
 *Muller, Edwin, B.S.
 Murray, Robert Alexander, B.S., M.D., N.Y.U., physician, 235 West 23d street.
 Rosemon, Cornelius P., B.S., banker, 33 Wall street.
 Scott, William Seaman, A.B., assistant engineer, Colorado.
 *Smith, Francis Asbury, A.B.
 Smith, Herbert Edgar, A.B., manufacturer, Middletown, Conn.
 *Stein, Charles, A.B.
 Stern, Abraham, B.S., LL.B., lawyer, 122 Bowery.
 Summerbell, Martyn, A.M., D.D., Union Christian Col., '89; Ph.D., N.Y.U., '89, clergyman, Lewiston, Me.

*Deceased.

Tully, Charles H., A.B., clerk, 118 East 19th street.

*Wood, W. Spencer, A.B.

Young, Daniel Kissam, B.S., merchant, 81 Wall street.

Zemansky, Abm. Phillip, B.S., M.D., physician.

1872.

Abarbanell, Jacob, A.B., B.S., LL.B., lawyer, 140 Nassau street.

Banks, Sheppard, A.B., LL.B., lawyer, 51 Alexander avenue.

Beach, Arthur, A.B., M.D., physician, 300 Sumner avenue, Brooklyn.

Beach, Samuel Jackson, A.M., B.D., Oberlin, clergyman, Cedar Falls, Iowa.

Birnbaum, Oscar, B.S., teacher, G. S. 49, East 37th st., near Second ave.

Blish, George Henry, A.B., banking, 247 Broadway.

*Cocks, David Clark, A.M., M.D.

Comstock, Fr. Harmon, A.B., LL.B., C.C., lawyer, 36 Wall street.

Cooper, Harry Dodge, B.S., book-keeper, 304 Madison avenue.

Donald, James Mackie, B.S., banker, 11 Nassau street.

Falk, Benjamin Joseph, B.S., photographer, 13 West 34th street.

Fruitnight, John Henry, A.M., M.D., B.H.M.C., '75; Member Am. Acad. Medicine, Member N. Y. Acad. Medicine, Member N. Y. Co. Medical Soc., 2d Vice-Pres't Alumni of B. H. M. C., physician, 161 West 57th street.

Frye, Jed., B.S., merchant, 47 Water street.

Greenbaum, Samuel, A.M., LL.B., lawyer, 170 Broadway.

Gulick, John Callbreath, B.S., LL.D., C.C., lawyer, 132 Nassau street.

Hochheimer, Emanuel, A.M., B.S., M.D., physician, 207 East 57th st.

Howe, William Burdge, B.S., merchant, 301 West 17th street.

Keck, Frank, B.S., LL.B., C.C., lawyer, 120 Broadway.

Lowenthal, Henry, A.M., LL.B., journalist, "N. Y. Times" office.

Malone, James Eugene, A.B., knit goods, 260 Church street.

McMaster, John Beach, A.M., C.E., Ph.D., professor, University of Pennsylvania, Phila., author of "History of the People of the United States."

Meeks, Hamilton Victor, A.B., lumber, 30 Vesey street.

Putzel, Leopold, A.B., B.S., M.D., Bell. Hosp. Med. Coll., physician, 13 East 57th street.

Ruston, William Otis, A.B., D.D., Lenox Col., '86; Pres. Bd. Trustees Lenox College, '88; Director German Pres. Theol. Sem. of Northwest, '90, clergyman, Dubuque, Iowa.

Salomon, David H., B.S., LL.B., lawyer, 338 Broadway.

Schermerhorn, John E., B.S., LL.B., lawyer, 62 Broadway.

*Shipley, Eddy, B.S.

Stoiber, Adolphus Henry, A.M., LL.B., C.C., lawyer, 1 Nassau st.

Strauss, Seligman J., A.M., B.S., lawyer, Wilkesbarre, Pa.

Thornell, Henry Lloyd, A.B., banking, 45 Wall street.

Van Kleeck, Henry, A.M., M.S., LL.B., C.C., banking, Denver, Col.

Van Santvoord, Richard, A.B., M.D., B.H.M.C., '75; visiting phys. to Randall's Isl. Hosp., '81; Member N. Y. Acad. Medicine, Am. Acad. Medicine, N. Y. Co. Med. Soc., N. Y. Pathological Soc., physician, 106 West 122d street.

* Woodward, James L., A.B., LL.B.

*Deceased.

1873.

Adler, Louis, B.S., LL.B., lawyer,
120 Broadway.

Bach, Albert, A.B., LL.B., C.C., law-
yer, 7 Warren street.

Battell, John Sherman, A.B., B.S.,
insurance, 119 Broadway.

Church, Wm. Sylvester, B.S., broker,
Port Chester, N. Y.

Clapp, K. Leffingwell, B.S., life in-
surance, 66 Broadway.

Colie, Edward Martin, A.B., lawyer,
776 Broad street, Newark, N. J.

Davison, David Henry, B.S., M.D.,
physician, 171 East 78th street.

Fagnani, Charles P., A.B., B.S.,
LL.B., C.C., clergyman, U. T. S.,
700 Park avenue.

Fisher, Charles Willis, B.S., teacher.

Friedberg, William B., B.S., LL.B.,
C.C., '77, principal, 13-17 East
125th street.

Gregory, Christopher, A.B., teacher,
Long Branch City, N. J.

Huber, Francis, B.S., M.D., physi-
cian, 113 East Broadway.

Huss, George Martin, B.S., architect,
1285 Broadway.

Jarvis, Welcome Smith, A.B., LL.B.,
N. Y. U., lawyer, 50 Wall street.

Jennings, E. B., A.B., civil engi-
neer, 170 Florida street, Spring-
field, Mass.

Jones, L. Eugene, A.B., journalist,
23 Union square.

Kohn, Solomon, B.S., LL.B., C.C.,
Ph.B., lawyer, 203 Broadway.

Leipziger, Henry M., A.M., B.S.,
LL.B., Ph.D., C.C., Ass't Super-
intendent Schools, 146 Grand street.

Lewinson, Benno, M.S., LL.B., C.C.,
lawyer, 5 Beekman street.

Lyons, Fred. Augustus, A.M., M.D.,
physician, 136 East 49th street.

*Muhlfeld, Henry, A.B., M.D.

Muller, Herman J., A.B., B.S., man-
ufacturer, 224 West 26th street.

*Murray, John, A.B., B.S., M.D.

Oppenheimer, Isaac, A.B., B.S., M.D.,
physician, 105½ East 55th street.

Rabock, Wenzel Albert, B.S., A.M.,
musician, 425 West 34th street.

Rullman, Louis Henry, B.S., civil
engineer, 444 East 81st street.

Salomon, Abraham, B.S., LL.B.,
lawyer, 338 Broadway.

Schœning, Michael E. von, B.S., 119
East 92d street.

Tift, Henry Neville, M.S., LL.B.,
C.C., lawyer, 11 William street.

Walther, John Augustus, B.S., M.D.,
physician, 212 East 123d street.

Wray, Edward Marshall, B.S., El-
mira, N. Y.

1874.

Baker, George McC., A.B., LL.B.,
lawyer, 140 Nassau street.

Baumgarten, Maurice H., B.S., mer-
chant, 24 White street.

Busche, Thomas W., A.B., M.D.,
surgeon, 108 Rivington street.

Carlín, Wayland, A.B., manufacturer,
126 West 23d street.

Cohen, Adolph, B.S., LL.B., C.C.,
lawyer, 319 Broadway.

Demarest, Walter, A.M., M.D., phy-
sician.

Dix, Warren R., A.M., LL.B., C.C.,
lawyer, 160 Broadway.

Eastman, Joseph, B.S., LL.B., 1 East
72d street.

Fromme, Isaac, A.B., LL.B., C.C.
lawyer, 287 Broadway.

Goldbacher, Joseph N., B.S., LL.B.,
C.C., lawyer, 229 Broadway.

Gutgsell, Eugene F. J., B.S., Prin-
cipal G. S. 22, cor. Stanton and
Sheriff streets.

Gutweiler, Ernst, clergyman, Hicks-
ville, N. Y.

*Deceased.

1875.

Ihlseng, Axel O., B.S., C.E., E.M., C.C., mining engineer, Carthage, Missouri.

Kahn, Samuel, B.S., M.D., P. & S., physician, San Francisco, Cal.

Lachman, Samson, A.B., LL.B., C.C., judge, Tribune Building.

Lyons, Wallace F., A.B., Principal G. S. 91, 1931 Madison avenue.

Man, Henry H., A.B., LL.B., C.C., lawyer, 56 Wall street.

*McCreery, Charles A., A.B.

Meyer, Henry, M.S., LL.B., C.C., lawyer, 291 Broadway.

Reighley, Frederick G., A.B., clerk, 120 Broadway.

Richard, Charles, B.S., M.D., Capt. and Assistant Surgeon, U. S. A., N. Y. Shipping List, 59 William street.

Rodenbach, William T., B.S., manufacturer, Naugatuck, Conn.

*Rush, Charles W., B.S., M.D., physician.

Shack, Ferdinand, A.M., M.S., LL.B., C.C., lawyer, 56 Wall street.

Sickles, Ivin, M.S., M.D., instructor and Ass't Prof. Chem. and Physics, Medical Department, N. Y. U., 17 Lexington avenue.

Stoddard, William, A.B., LL.B., lawyer.

*Swart, Merton G., A.B., LL.B.

Sweezy, Richard L., A.B., lawyer, 31 Nassau street.

Underwood, William J., Jr., M.S., LL.B., C.C., lawyer, 170 Broadway.

Van Pelt, Daniel, A.M., B.S., clergyman, East New York, N. Y.

Weeks, Thomas W., A.B., treasurer, P. O. Box 785, N. Y. C.

Williams, Richard P., B.S., clergyman, Montgomery, Ala.

Wilson, Franklin S., A.B., laundry, Brooklyn.

Alexander, Peter, B.S., LL.B., lawyer, 234 Broadway.

Black, John V., A.B., lithographer, 93 William street.

Burk, Howard R., B.S., oils, 7 Platt street.

Crawford, Hanford, B.S., dry goods, 801 Broadway.

Cristy, Albert B., A.M., B.D., clergyman, Albuquerque, New Mexico.

Fisher, Edward D., A.B., M.D., physician, 6 West 39th street.

Frey, George, B.S., clerk.

Goldsmith, Abm., A.B., LL.B., C.C., lawyer, 154 Nassau street.

Greene, William F., A.B., M.D., physician.

Harper, James T., A.B., publisher, Franklin Square.

Jenkins, Henry E., B.S., LL.B., teacher, Bronxville, N. Y.

Kahrs, Henry, B.S., printer, 500 Third Avenue.

Larremore, Wilbur, A.B., LL.B., C. C., '77, lawyer, 32 Nassau street.

Levy, Henry, A.B., M.D., N. Y. U., physician, 214 West 124th street.

Mahony, Daniel P. H., B.S., LL.B., lawyer, 132 Nassau street.

McAdam, George H., A.B., lawyer, 171 Broadway.

McCreery, James C., A.B., merchant, 805 Broadway.

McNary, Spencer G., A.B., LL.B., lawyer, 2 Tryon row.

Mossiter, George N., B.S., LL.B., lawyer, 55 Broadway.

*Purdy, Roe, A.B.

Putzel, Gibson, A.B., LL.B., lawyer, 320 Broadway.

Sahlinger, Israel, B.S., cashier, Helena, Mont.

Spencer, Nelson Stanley, A.B., lawyer, 31 Nassau street.

*Deceased.

Steneck, John R., A.B., iron manufacturer, 107 Chambers street.
 Townsend, Curtis McD., A.B., military engineer, 106 Madison street, Memphis, Tenn.
 Tuthill, William B., A.M., architect, 287 Fourth avenue.
 Ullman, Joseph, A.M., LL.B., C.C., lawyer, 203 Broadway.
 Weil, Isaac, B.S., M.D., P. & S., merchant, 121 Mercer street.
 Werner, Louis, B.S., LL.B., C.C. lawyer, 15 Wall street.
 Witherstine, C. S., M.S., M.D., physician, 5143 Germantown avenue, Phila., Pa.
 Wolf, Simpson, A.M., LL.B., C.C., lawyer, 203 Broadway.

1876.

*Altmayer, Samson O., A.B.
 Baldwin, Arthur P., A.B., teacher, 57 East 125th street.
 *Blauvelt, Henry C., A.B., M.D.
 Clearwater, Charles Knapp, B.S., clergyman, Newtown, L. I., N. Y.
 Davis, Vernon M., A.M., LL.B., C.C., '79, Assistant District Attorney, lawyer, Dist. Atty's Office.
 D'Utassy, Leo L., B.S., railroad, 144 East 36th street.
 Frambach, Frederick, Jr., A.B., lawyer, 1 Montgomery street, Jersey City, N. J.
 Frank, Herman, A.B., LL.B., lawyer, 291 Broadway.
 Goodfriend, Simon, B.S.
 Henderson, Edward C., B.S., LL.B., C.C., lawyer, 59 Wall street.
 Henry, Charles I., A.B., merchant, 48 Exchange place.
 Hollerith, George C., B.S., civil engineer, 55 Liberty street.
 Honig, Joseph, A.B., insurance, 170 Broadway.

*Hopper, John W., A.B., M.D.
 Husted, Singleton, A.B., M.D., physician.
 Kay, Wm. A., B.S., journalist, 292 11th street, South Brooklyn.
 Kenyon, William H., A.M., LL.B., C.C., lawyer, 38 Park Row.
 Klein, Philip H., Jr., A.B., Sec'y. and Treas., 572 First avenue.
 Kraus, Max W., B.S., merchant, 657 Broadway.
 *Lauterbach, Henry, B.S., LL.B.
 *McGowan, James Joseph, B.S.
 Mahler, Louis, A.B., clerk, 505 Sixth avenue.
 Maves, Fernando, A.B.
 Mead, William Herbert, B.S., clerk, 2108 Madison avenue.
 Merckle, Henry, A.B., LL.B., C.C., lawyer, 149 Broadway.
 Minrath, Ferdinand R., A.B., LL.B., lawyer, 120 Broadway.
 Ormsby, Waterman L., B.S., stenographer, Court House, Brooklyn.
 Palmer, Benjamin W., A.M., M.D., physician.
 Park, Rufus H., B.S., clerk.
 Powell, William A., A.B., D.D., Ohio Univ., clergyman, Athens, Ohio.
 Putzel, Charles, A.B., LL.B., C.C., lawyer, 253 Broadway.
 Rafel, Henry S., A.B., LL.B., M.D., lawyer, 106 West 87th street.
 Ramsdell, Edwin B., A.B., M.D., N. Y. U., physician, 581 Lexington avenue.
 Rapp, Maurice, A.B., LL.B., C.C., lawyer, 167 Broadway.
 Rhodes, John C., B.S., LL.B., lawyer, 156 Broadway.
 Rothschild, Marks, B.S., manufacturer, 107 Duane street.
 Smyth, George B., A.B., B.D., Drew Theol. Sem., '80, president Anglo-Chinese College, Foochow, China.

*Deceased.

Stine, Marcus, B.S., Ph.D., LL.B.,
lawyer, 7 Beekman street.
Strouse, Edward, A.B., LL.B., C.C.,
maltster, 15 Whitehall street.
Townsend, Frederick M., B.S., M.D.,
P. & S., physician, 36 West 21st
street.
Ullman, Nathan, A.B., president,
758 Broadway.
Vogel, Henry W., B.S., civil engi-
neer, Fordham, N. Y.
West, Albert F., B.S., LL.B., lawyer,
132 Nassau street.
Wheaton, Joseph S., B.S., manager,
395 Lexington avenue.

1877.

Barratt, John Arthur, A.M., LL.B.,
C.C., '80, lawyer, 59 Liberty street,
Birkins, Ernest Reeve, A.M., M.D.,
N.Y.U., '83, teacher and physician,
118 West 131st street.
Brill, Nathan E., A.M., M.D., N. Y.
U., physician, 805 Lexington
avenue.
Bunzl Victor, B.S., tobacco, 126
Water street.
Burchard, Lewis Sayre, A.B., LL.B.,
C.C., lawyer, 6 Wall street.
Carvalho, Solomon Solis, A.B., jour-
nalist, 24 East 131st street.
*Clark, Edward Adoniram, A.B.
Clarkson, John Van Boskerck, A.B.,
real estate, 39 Broadway.
Davidson, William Cyrus, A.B.,
LL.B., lawyer, 280 Broadway.
Dowd, Joseph, B.S., merchant, 30
West 52d street.
Euring, George Anthony, B.S., LL.B.,
lawyer, 123 Second street.
Gilbert, Frank Henry, A.B., mer-
chant, 516 Broadway.
Hauff, William Charles, A.B., LL.B.,
C.C., lawyer, 41 Park row.
Hayes, Richard Jerome, B.S.

Henry, Howard Herrick, A.B., 214
Broadway.
Hoag, Sidney Willet, B.S., civil
engineer, Dept. of Docks, Pier
A, N. R.
Huber, Emil Andrew, A.B., musician,
Steinway Hall.
Hunt, Leigh Harrison, M.S., M.D.,
N. Y. U., instructor and physi-
cian, 17 Lexington avenue.
Hunter, David M., A.B., clergyman,
Salem, Washington Co., N. Y.
Loth, Bernard, B.S., LL.B., C.C.,
silk manufacturer, 150th street and
Amsterdam avenue.
Luby, James Patrick Kenyon, A.B.,
journalist, 49 Astor pl., Jer'y City.
Mack, Hugo S., B.S., LL.B., lawyer,
7 Beekman street.
Man, Alrick Hubbell, A.B., LL.B.,
C.C., lawyer, 56 Wall street.
Marx, Louis S., B.S., LL.B., lawyer,
167 Broadway.
McCutcheon, Robert H., B. S., civil
engineer, 217 West 132d street.
Moore, Eugene Patrick, A.B., Cus-
tom House, 325 East 12th street.
Moritz, Charles F., A.B., merchant,
Montgomery, Ala.
*Nehrbas, Jacob, B.S., M.D., P. & S.,
'80, physician.
*Neumer, Emil, B.S., M.D.
Protheroe, Charles Coffin, B.S., LL.B.,
lawyer, 56 Wall street.
*Ranney, Walter Lafayette, A.B.,
M.D.
Rau, Henry Marcellus, A.B., Ph.D.,
chemist, Hanover, Pa.
Romaine, De Witt Clinton, B.S.,
M.D., P. & S., physician, 473 Hud-
son street.
Shepard, Charles Seymour, A.B.,
clerk, 296 Broadway.
Shipman, William Henry, A.M.,
B.D., Drew Theol. Sem., clergy-
man, Coin, Iowa.

*Deceased.

Silverstone, Julius, B.S., lawyer
Portland, Ore.

*Smith, James Albert, A.B.

Sommers, Louis, B.S., LL.B., teacher,
2 Prospect place.

Starr, William Hoffmire, B.S., engi-
neer, 235 West 11th street.

Stearns, Kent K., A.B., lawyer, 1178
Elizabeth avenue, Elizabeth, N. J.

Tift, Irving Howard, B.S., LL.B.,
C.C., lawyer, 277 Broadway.

Tuthill, George A., B.S., manager,
Broadway and Duane street.

Weed, Edgar T., A.B., M.D., physi-
cian.

White, William Storm, B.S., M.D.,
physician, 413 West 23d Street.

Wilkie, William James, A.M., clergy-
man and teacher, St. John's School,
Manlius, N. Y.

Williams, George Nelson, A.B.,
LL.B., merchant, Avenue A and
68th street.

Wilson, Charles Howard, A.B.,
teacher, Newton Centre, Mass.

1878.

*Ansbacher, Maurice Eger, A.B.

Ascher, Leopold, A.B., LL.B., lawyer.

Berg, Henry W., A.B., M.D., P.&S.,
'81, Member N. Y. Acad. Medicine,
physician, 245 Seventh street.

Bernstein, Alexander, A.B., LL.B.,
lawyer.

Boehme, Herman Christopher, A.B.,
teacher, 1958 Madison avenue.

*Borland, Henry Weller, A.B., LL.B.

Campbell, William John, A.B., LL.B.,
C.C., lawyer, 132 Nassau street.

Carey, Robert Edward, B.S., mer-
chant, 305 West 55th street.

Cohen, Eugene Yancey, A.B., mer-
chant, 115 Pearl street.

Cook, Peter W., B.S., LL.B., C.C.,
lawyer, 49 Chambers street.

De Jonge, John Christian, B.S., clerk,
100 Avenue B.

Devlin, Robert John, B.S., M.D.,
physician, 156 West 13th street.

Dobbie, Thomas William, B.S., 544
West 43d street,

Doring, John Frederick, A.B., G.Ph.,
pharmacist.

Fischel, Eugene, B.S., LL.B., C.C.,
lawyer, 61 Park Row.

Fisher, Henry, A.B., merchant, Pro-
duce Exchange.

*Fruitnight, William, A.B., M.D.

Gilon, William Joseph, B.S.

Gottlieb, Nathaniel I., B.S.

Gottshall, Edward, A.B., 102 Lewis
street.

Greenebaum, Emil, B.S., fruit canner,
1914 Pacific avenue, San Francisco.

Gross, Magnus, Jr., B.S., teacher,
541 East 86th street.

Hardy, George Edward, A.M., pro-
fessor, 228 West 105th street.

Hooper, Benjamin Franklin, B.S.,
president, 63 Centre street.

Hotaling, George Preston, A.B.,
LL.B., C.C., lawyer, 59 Wall street.

Jaretzki, Alfred, A.M., A.B., H.U.,
LL.B., C.C., lawyer, 45 Wall street.

Kenyon, Alan Douglas, A.B., LL.B.,
C.C., lawyer, 38 Park Row.

Koplik, Henry, A.B., M.D., physi-
cian, 251 East 32d street.

Krotel, Paul, A.B., LL.B., lawyer,
20 Nassau street.

*Leggat, Walter Romaine, A.B.,
LL.B., C.C.

Leubuscher, Frederick Cyrus, A.B.,
LL.B., C.C., lawyer, 280 Broad-
way.

Lewinson, Samuel, B.S., merchant,
26 East Houston street.

*Maas, David Anderson, A.B.

Manne, Henry, B.S., LL.B., C.C.,
lawyer, 203 Montague street,
Brooklyn.

*Deceased.

Manners, Edward Clarence, A.B., lawyer, 575 Monroe street, Brooklyn.

Meyer, Julian Herman, B.S., traveler, 353 West 11th street.

Morgenthau, Julius C., A.B., A.M., Ph.D., Leipzig, merchant, 166 State street, Chicago.

Nordlinger, Abraham, A.B., LL.B., lawyer, 167 Broadway.

O'Reilly, Philip Francis, B.S., student, medicine.

Pabst, William, B.S., clerk, 136 East 43d street.

Pitkin, Lucius, A.B., Ph.B., chemist, 434 Madison avenue.

Shumway, Albert, Jr., A.B., merchant, 353 West 56th street.

Smith, Daniel, Jr., A.B., M.D., physician, 351 East 86th street.

Smith, William Wickham, B.S., LL.B., C.C., lawyer, 46 Exchange Place.

Stitt, James Alexander, A.B., lawyer, 8 Pine street.

Tunis, John, A.B., B.D., H.U., clergyman, 1187 Lexington avenue.

Weiss, Julius, A.B., M.D., physician.

Williams, Francis Smith, B.S., A.B., H.U., real estate, 70 Broadway.

Wood, John Walter, A.M., M.D., P. & S., physician, Port Richmond, S. I.

1879.

Casper, Henry, A.B., physician, 228 East Broadway.

Chambers, John F., A.B., LL.B., lawyer, 55 Liberty street.

Cohn, Felix, A. B., physician, 38 East 60th street.

Dahl, Charles, B.S., LL.B., merchant, 523 Fifth street.

*Dietz, William Daniel, B.S., M.D.

Dinkelspiel, Leo, A.B., M.D., physician, 104 West 87th street.

*Dougall, Robert Austin, B.S.

Dudensing, Richard, Jr., A.B., LL.B., lawyer, 173 Broadway.

Erschine, Charles Wesley, A.B., silk manufacturer, 476 Broome street.

Francis, Howard James, A.B., bank clerk, Central National Bank.

Fribourg, Theo. Louis Henry, B.S., propr. Boulder Min. Springs, Denver, Col.

Fripp, Joseph Aloysius, A.B., teacher, 55 Division street.

Gerstlé, Edward Gustavus, A.B., merchant, 451 Broadway.

Gray, Joseph Francis, B.S., M.D., P. & S., A.M., St. Francis Xav., physician, 326 West 31st street.

Guilfooy, William Henry, B.S., M.D., B.H.M.C., physician, Health Dept.

Herman, Henry, A.B., M.D., B.H. M.C., physician, 627 Lexington av.

Herrmann, David Uriah, B.S., banker, Hotel Majestic.

*King, James Foster, A.B.

Korn, Max Saloshinsky, A.B., LL.B., C.C., '81, lawyer, 261 Broadway and 138 East 47th street.

*Leary, Cornelius John, B.S.

Legras, Gustave, B.S., instructor, 44 East 79th street.

Levy, Nathan Max, B.S., journalist, 115 East 111th street.

Mathews, Frederick, B.S., M.D., P. & S., physician, 114 Avenue C.

McFarland, John Francis, B.S., LL.B., C.C., '87, lawyer, 186 Remsen street, Brooklyn.

*McWilliam, John Smith, A.B., LL.B.

Merington, Richard W. E., A.B., teacher, 141st street and Grand Boulevard.

Miller, Henry F., A.M., LL.B., C.C., lawyer, 44 Pine street.

Mischlich, Adolph R., B.S., teacher, 42 First street.

*Mulford, William, A.F.P., A.B.
 Murgatroyd, Edwin Robert, A.M.,
 clergyman, New Vernon, N. J.
 Perkins, George W., A.B., LL.B.,
 lawyer, 154 Nassau street.
 Perrin, Ernest Noël, A.B., C.C.N.Y.
 & H.U., LL.B., C.C., '85, tutor, 111
 West 124th street.
 Pollitzer, Sigismund, A.M., M.D.,
 P. & S., physician, 10 East 60th st.
 Powers, Fred. Alden, B.S., manager,
 42 Market street, Sydney, N. S. W.
 Price, Lewis, B.S., M.D., physician.
 Roth, Julius August, A.B., M.D.,
 B.H.M.C., physician, 308 E. 79th st.
 Schachtel, Michael, Jr., B.S., real es-
 tate, 153 West 16th street.
 Schutz, Bernard, B.S.
 Scheur, Ralph, A.B., merchant, 147
 East 61st street.
 Scott, John Frederick, A.B., clergy-
 man, Flemington, N. J.
 Shumway, Willard A., E.M., A.M.,
 merchant, 351 West 56th street.
 Spillinger, Jacob, B.S., M.D., physi-
 cian, 183 East 116th street.
 Stoddart, Allen Montgomery, A.B.,
 lawyer, 5 Dey street.
 Struse, Otto Frederick, B.S., LL.B.,
 lawyer, 64 Grand street, Brooklyn,
 35 Broadway.
 Turner, William Lemon, A.B., LL.B.,
 C.C., '81, lawyer, 84 Cotton Ex-
 change.
 Van Dyck, Alexander Scott, A.B.,
 clergyman, Amoy, China.
 Weeks, Bartow Sumter, A.B., LL.B.,
 C.C., '83, Assistant District Attor-
 ney, lawyer, 32 Chambers street.
 Weiss, George Conrad, A.B., M.D.,
 physician, Mount Vernon, N. Y.
 Wellman, Ph.B., C.C.
 Wittmack, Charles August, M.S.,
 Ph.D., Univ. of Munich, 79 West
 87th street.
 Youry, William Henry, A.B.

1880.

Berle, Adolph William, B.S., M.D.,
 physician, 120 Seventh street.
 Bohmfalk, Charles W., B.S., M.D.,
 physician, 231 East 55th street.
 Breakell, William Thomas, B.S.,
 C.E., N.Y.U., Customs Inspector,
 U. S. Barge Office.
 Burchard, Roswell B., A.B., secre-
 tary, 7 East 48th street.
 Calkins, Fred. H., A.B., 147 West
 49th street.
 Carroll, Thomas Michael Joseph, B.S.
 Carter, Henry Clinton, B.S., LL.B.,
 lawyer, Waialua (Oahu), Hawaiian
 Islands.
 Clarke, R. Floyd, A.B., LL.B., C.C.,
 lawyer, 80 Broadway.
 Cowen, William, A.B., M.D., phy-
 sician.
 Davis, George Herbert, B.S., assistant
 superintendent, 146 Grand street.
 Doubleday, Edwin Snow, B.S., mer-
 chant, 229 Front street.
 Eaton, Alfred, A.B., Custom House,
 206 West 39th street.
 Engelsman, Gabriel, A.B., Ph.D., 62
 East 120th street.
 Fogglin, Edward, 129 East 83d street.
 Frankenberg, Jacob Henry, B.S.,
 M.D., physician, 142 East 74th
 street.
 Gross, Anthony, A.B., clerk, 22 Rut-
 gers street.
 Gutgsell, William T., B.S., clerk.
 Harris, Alexander Henry, A.B., hat
 and cap factory, 270 McDonough
 street, Brooklyn.
 Harris, Moses J., B.S., lawyer, 191
 Smith street, Brooklyn.
 Honigman, J. Leo, A.B., clerk, 40
 Lisenard street.
 Hume, John Charlick, B.S., engineer,
 533 Vernon avenue, Long Island
 City.

*Deceased.

Johnson, Albert Edward, A.B., jeweler, 17 Union square.
 Keim, George H., A.B., manufacturer, 1384 Lexington avenue.
 Kost, Henry G., B.S., tutor, 310 East 116th street.
 Leaser, Maximus A., A.M., LL.B., lawyer, 123 Garden street, Hoboken, N. J.
 Levy, Charles Emanuel, B.S., cotton factor, 196 Gravier street, New Orleans, La.
 Leyendecker, Philip T., A.B., M.D., P. & S., physician, 114 First street.
 Ludlow, Ogden Curtis, M.S., M.D., N.Y.U., '83, physician, 210 West 135th street.
 Mack, Harry W., A.B., C.C.N.Y., A.M., LL.B., H.U., publisher, 175 Broadway.
 Mahon, James Fitus, B.S., 129 East 82d street.
 Mahon, Robert Joseph, B.S., LL.B., C.C., lawyer, 4 Warren street.
 Martin, August Lewis, B.S., LL.B., C.C., lawyer, 30 Broad street.
 Mestre, Alfred, B.S., LL.B., C.C., '82, lawyer, Mamaroneck, N. Y.
 Mowbray, William Eager, B.S., builder, 104 East 85th street.
 Mulqueen, Joseph Francis, A.M., LL.B., C.C., '84, lawyer, 51 Henry street.
 Noble, Henry George S., A.B., broker, 2 West 16th street.
 Nordlinger, Edwin H., A.B., merchant, 8 Harrison street.
 Powell, Frederick, A.B., M.E., mining engineer, Central City, Col.
 Price, David, B.S.
 Rice, Edwin Thomas, Jr., A.B., LL.B., lawyer, 59 Wall street.
 Sexton, James William, B.S.
 Shethar, Edwin Hall, B.S., merchant, 548 Broadway.

Smith, Charles William, B.S., engineer, 31 Broadway.
 Steckler, Louis, B.S., LL.B., C.C., lawyer, 5 Beekman street.
 Stein, Richard, A.B., student medicine, Wurzburg, Germany.
 Straubenmueller, Gustave, A.B., teacher, 320 Sixth street.
 Torek, Francis John Albert, A.M., M.D., P. & S., '87, assistant Vanderbilt clinic, physician and instructor diseases of children, Post Graduate Med. Col., 164 East 79th street.
 *Torek, Paul C., J., A.B.
 Tucker, Frank, B.S., clerk, 228 East 123d street.
 Wolf, Henry J., A.B., M.D., Heidelberg, physician, 131 West 126th st.

1881.

Aaron, Herman, B.S., LL.B., C.C., '83, lawyer, 15 Wall street.
 Bacon, Frederick Albert, A.B., clerk, 172 Alexander avenue.
 Baumeister, John, M.S., clergyman, College Point, L.I.
 Beran, Theodore, A.B., manager, 44 Broad street.
 Bittiner, Edmund, A.B., 209 West 32d street.
 Boas, Edmund A., A.B., 208 State street, Chicago, Ill.
 Brothers, Abram, B.S., M.D., P. & S., '84, physician, 162 Madison street.
 Budd, Ogden Doremus, A.B., broker, 60 Broadway.
 Carroll, Edward P., B.S., teacher, 207 East 75th street.
 Casper, Mark, A.B., insurance, 346 Broadway.
 Einhorn, Daniel, A.B., lawyer.
 Esberg, Moses, A.B., LL.B., lawyer, 335 Broadway.
 Ettinger, Leo., A.B., M.D., P. & S., '84, physician, 204 East 72d street.

*Deceased.

- Freedman, Edwin Jackson, A.B., LL.B., C.C., '83, lawyer, Tryon row.
- Giles, William Warren, A.B., clergyman, 358 West 19th street.
- Gross, Louis N., B.S., mining engineer, 38 East 58th street.
- Haas, George, B.S., lawyer, 128 East 4th street.
- Happy, Frederick Albert, B.S., clerk, 113 West 56th street.
- Hunt, Frederick George, A.B., LL.B., C.C., '83, lawyer.
- Hyde, James W., A.B., LL.B., C.C., '83, lawyer, 59 Liberty street.
- Kakels, Moses, B.S., M.D., P. & S., '84, physician, 243 East 49th street.
- Kenyon, Robert Nelson, A.B., lawyer, 38 Park row.
- Lichtenstein, Julius, A.B., M.D., physician, 327 East 119th street.
- Lockwood, George Roe, Jr., A.B., M.D., P. & S., '84, physician, 30 East 35th street.
- Lunn, Richard Brook, B.S., 632 Eighth avenue.
- McAdie, Alexander George, A.M., Harvard, '85, Fellow Clark University, '89-90, U. S. Weather Bureau, Washington, D. C.
- McCormick, John, A.B., LL.B., C. C., '83, lawyer, 258 Broadway.
- McKinney, Alexander Harris, A.M., Ph.D., N. Y. U., '91, clergyman, 197 Second avenue.
- McNulty, John J., M.S., Ph.D., instructor, 58 Morton street.
- Martin, Daniel Hoffman, A.B., B.D., U.T.S., clergyman, 1 Johnson avenue, Newark, N. J.
- Mayer, William Edwin Cox, A.B., lawyer, 189 Montague street, Brooklyn.
- Mestre, Aurelius E., B.S., sugar manufacturer, Havana, Cuba.
- Nammack, William H., A.B., M.D., B.H.M.C., physician and teacher, 273 Madison street.
- Newton, William A., B.S., bank clerk, Tenth avenue, bet. 158th and 159th streets.
- Olcott, W. Morrow Knox, A.M., LL.B., C.C., '83, lawyer, 4 Warren street.
- O'Reilly, John Joseph, A.B., teacher, 2080 Madison avenue.
- Perkins, Frank Kendall, B.S., M.D., physician, 356 West 14th street.
- Piddian, Asher L., A.B., salesman, 26 Reade street.
- Popper, Edwin S., B.S., manufacturer, 5 Sullivan street.
- * Riedemann, George, B.S.
- Roeser, Frederick, B.S., E.M., C.C., '84, mining engineer, Denver, Col.
- * Schroeder, Herman, B.S.
- Stitt, Edward Walmsley, B.S., teacher, Amsterdam avenue, cor. 129th street.
- Ulmann, Albert, B.S., publisher, 175 Broadway.
- Weinman, Moses, A.B., LL.B., C.C., lawyer, 46 Wall street.
- Wells, Edmund Bulkley, B.S., student of architecture, 1067 Madison avenue.
- * Worms, Adolph, A.B.

1882.

- * Aron, Louis Edgar, B.S.
- Bonynge, Robert William, A.M., LL.B., C.C., '85, lawyer, Denver, Col.
- Brown, Everit, A.M., lawyer, 80 Broadway.
- Byrnes, Lawrence J., B.S., clerk.
- Churchill, Thomas William, A.B., LL.B., N. Y. U., Supt. Custom House, N. Y.
- Clark, Edwin F., A.B., merchant, 183 Forsyth street.

*Deceased.

Condon, John Francis, A.B., teacher,
882 East 169th street.

Corey, Henry B., A.B., LL.B., C.C.,
'84, lawyer, 314 Broadway.

Cronson, Reuben, A.B., teacher, 317
East 119th street.

Dusenbury, Edwin Coles, A.M.,
White Plains, N. Y.

Faulkner, Henry Charles, A.B., ed-
itor, 104 Fourth avenue.

Fribourg, Arnold L., B.S., lawyer,
323 East 58th street.

Friedrichs, Rudolph Victor, B.S.,
LL.B., C. C., '85, lawyer, 68 West
131st street.

Goldsticker, William, A.B., LL.B.,
lawyer, 236 East 68th street.

Goodwin, Fred'k van Bebber, A.B.,
LL.B., C.C., '85, lawyer, rooms
163 to 165 Temple Court, 3-9 Beek-
man street.

Hayman, Morris Henry, B.S., student
at law, 209 East 21st street.

Howell, John Sands, B.S., 336 West
19th street.

Ilgel, Ernest, A.B., instructor, 369
Herkimer street, Brooklyn.

Jacobs, Abraham, A.B., merchant,
126 West 97th street.

Kempner, Elias, B.S., 246 East 53d
street.

Kieran, James Michael, A.B., teacher,
121 East 120th street.

Kleine, George, A.B., Custom House,
274 Eighth avenue.

* Leckerling, William, Jr., A.B.

Leman, Francis Frederick, A.B.,
LL.B., lawyer, 20 Reade street.

McDowell, George W., A.M., M.D.,
physician, 151 West 130th street.

Mueller, Fred. G., A.B., clerk, 142
East Houston street.

Muller, Walter, B.S., clerk, 125 Mer-
cer street, Jersey City.

Murray, Robert M., A.B., grain, 222
West 20th street.

Nehrbas, John, B.S., teacher, G. S.
79, 42 First street.

O'Neill, Oscar T., A.B., Customs Ser-
vice, 402 Washington street.

*Oudin, Felix A., A.B.

Pfeiffer, Felix, A.B., student of med-
icine, 235 East 10th street.

Prochazka, John, A.B., chemist, 15
East 12th street.

Rachau, William H., B.S., clerk, 280
Broadway.

Ritterbusch, Hugo Henry, A.B.,
LL.B., C.C., lawyer, 106 Fulton
street.

Schubart, Louis H., B.S., Ph.D.,
Univ. Berlin, '89, Memb. Chem.
Soc., Berlin, Fellow Chem. Soc.,
London, chemist.

See, George N., B.S.

Shulman, Alexander, A.B., M.D.,
physician, 197 Second avenue.

Sims, Alfred F., B.S., 122 Roosevelt
street.

Sims, Edmund Joseph, B.S.

*Sinclair, James Drummond, A.B.

Stein, Julius, A.B., M.D., physician,
273 East 7th street.

Tynberg, Sigmund, A.B., M.D., phy-
sician, 321 East 42d street and
Charity Hospital.

Watson, William Scott, Jr., A.M.,
student of theology, Post-office Box
505, Princeton, N. J.

1883.

Balken, William S., M.D., P. & S.,
A.M., physician, 397 8th street,
Brooklyn, N. Y.

Barnett, Solomon, B.S., M.D., P.&S.,
physician, 319 Eighth avenue.

Brown, Ronald Ketchum, A.B.,
LL.B., C.C., '85, lawyer, 2004 Fifth
avenue.

Brush, Louis T., B.S., commission
merchant, 80 Pine street.

*Deceased.

- Buttenwieser, Joseph Leon, A.B.,
305 East 57th street.
- Cabaret, Luther Origène, A.B.,
teacher, 191 East 76th street.
- Christodoro, Arthur, B.S., clerk, 442
West 22d street.
- *Delaney, George M., B.S.
- *Falk, Isaac Newton, A.B., LL.B.,
C.C., '85, lawyer.
- Felter, William Landon, A.B., prin-
cipal, 366 Hancock street, Brook-
lyn.
- Früauf, John Lewis, A.B., LL.B.,
C.C., '85, teacher, 621 Lexington
avenue.
- Gibb, William Travis, B.S., M.D.,
N. Y. U., phyicieian, 365 Lexing-
ton avenue.
- Gill, Joseph, A.B., 161 East 114th
street.
- Ginsburger, Emil, B.S., architect,
Taylor avenue & Columbine street,
Belmont, N. Y. C.
- Gordon, William, A.B., M.D., P. &
S., '86, physician, 353 West 42d
street.
- Hanley, James Arthur, A.B., teacher,
Register's office.
- Hanaway, Samuel, B.S., tutor, 1139
Madison avenue.
- Herring, Charles Edward, A.B., 339
Bowery.
- Jarecky, Herman, A.B., M.D., P. &
S., physician, 1895 Lexington
avenue
- Lane, J. Albert, A.B., LL.B., C.C.,
lawyer, 32 Liberty street.
- Mack, Walter S., B.S., clerk, 325
West 58th street.
- Mettler, Lee Harrison, A.M., M.D.,
physician, Jeff. Med. Col., Phila-
delphia, Chicago, Ill.
- Minrath, Robert, A.B., 130 East 18th
street.
- Mosenthal, Philip James, M.S., insur-
ance, 46 Cedar street.
- Mott, Lewis Freeman, M.S., instruc-
tor, 367 West 19th street.
- Park, William H., A.B., M.D., P. &
S., '86, physician, 128 West 11th
street.
- *Paulman, Frederick Henry, B.S.
- Pope, George C., A.B., M.D., physi-
cian, Park avenue and 81st
street.
- Powell, H. Wheeler, B.S., 40 West
126th street.
- Purdy, Theodore Martindale, B.S.,
merchant, 304 Madison avenue.
- Rauch, David L., B.S., teacher, 257
East 48th street.
- Rosenstock, Samuel, B.S., student of
pharmacy, 191 First avenue.
- Sanders, Frederick William, A.M.,
H. U., '92, editor, 175 Dearborn
street, Chicago, Ill.
- Schaettler, George, A.B., LL.B., C.
C., '85, manufacturer, 116 West
121st street.
- Schüllinger, Otto, A.B., LL.B., C.C.,
lawyer, 238 East 58th street.
- Schwerd, Max J., M.S., M.D., P. &
S., '86, physician, 58 East 112th
street.
- Stark, Henry Solomon, A.M., M.D.
P. & S., '86, physician, 270 East
7th street.
- Traub, John Emil, A.M., M.D., P. &
S., physician, 270 Seventh street.
- Van Doren, Louis Otis, A.B., lawyer,
2 Wall street.
- Van Vliet, Purdy, A.B., LL.B., C.
C., lawyer, 87 Nassau street.
- Wade, Joseph Henry, A.M., St. F.
X., '84, teacher, G. S. 1, 1735 Mad-
ison avenue.
- Wels, Paul O., B.S., student engi-
neering, 110 East 112th street.
- *Wolfertz, Charles William, M.S.,
M.D.
- Zwinge, William P., A.B., Custom
House, 39 First avenue.

*Deceased.

1884.

Barney, Lewis W., M.A., N. Y. U., '91, clergyman, 438 Lexington avenue.
 Bischof, George J., B.S., student of engineering, 611 East 9th street.
 Bliss, Henry Eugene, B.S., 374 8th street.
 Burnett, Benjamin Adams, A.B., 622 East 142d street.
 Byrne, Edward A., B.S.
 Carls, Gustave A., B.S.
 Coakley, Cornelius G., A.M., M.D., N. Y. U., physician, 126 East 45th street.
 Cronson, Bernard, A.B., teacher, 317 East 119th street.
 Darling, Joseph Francis, A.B., teacher, G. S. 1, 30 Vandewater street.
 Delanoy, Edwin P., B.S., insurance, 2 Wall street.
 Erlandsen, Oscar, B.S., civil engineer, 72 East 93d street.
 Fox, William, B.S., M.E., tutor, West New Brighton, S. I.
 Greene, William Hallett, A.B., signal service.
 Hahlo, Louis Herbert, A.B., LL.B., C.C., '86, lawyer, 19 East 53d street.
 Holmes, James Edward, A.B., clergyman, Mamaroneck, N. Y.
 Hopkins, Milton, A.B., LL.B., C.C., lawyer, Glen Cove, L. I.
 Kohns, Lee, B.S., merchant, 44 Warren street.
 Ladinski, Louis Julius, A.B., M.D., P. & S., '87, physician, 243 East Broadway.
 Lane, James Warren, B.S., clerk, 131 East 21st street.
 Lichtenstein, Solomon Katten, A.B., LL.B., C.C., '87, lawyer, 52 Exchange place.

Lindheimer, Julius Jacob, A.B., 247 East 33d street.
 Manges, Morris, A.M., M.D., P. & S., physician, 241 Madison avenue.
 Martin, Daniel Francis, A.B., LL.B., C.C., '87, Member of Assembly, '91, lawyer, 314 East 37th street.
 Marvin, David Meekes, A.M., M.D., P. & S., '87, physician, 2099 Fifth avenue.
 Marx, Joel Moses, A.B., LL.B., N. Y. U., lawyer, 258 Broadway.
 Mason, Frank Gillette, A.B., clerk, Boston avenue, near 165th street.
 *Maury, Rutson, B.S., M.D., physician.
 Mayer, Julius Marshall, A.B., LL.B., C.C., '86, lawyer, 10 Wall street.
 Menken, Percival Solomon, A.M., Ph.D., LL.B., C.C., lawyer, 140 Nassau street.
 Miskowsky, Louis F., B.S., student of medicine, 307 East 53d street.
 Murray, Charles, B.S., merchant, 33 Broad street.
 Pedersen, James, B.S., M.D., P. & S., physician, 350 Madison avenue.
 Penman, John Simpson, A.B., student of theology, George street and Tinton avenue.
 Pfeiffer, David, A.B., broker, 6 Wall street.
 Reed, William Henry, A.B.
 Roeder, Benjamin Franklin, B.S., theatricals, 19 West 44th street.
 Rupp, August, A.B., tutor, 439 East 87th street.
 Scripture, Edward Wheeler, A.M., Ph.D., Univ. Leipzig, '90, Fellow Clark University, psychologist, Yale Univ., New Haven, Conn.
 Smith, Theodore Eugene, Jr., A.B., LL.B., C.C., '86, lawyer, 100 West 89th street.
 Todd, Edward Farnham, A.B., lawyer, 111 Broadway.

*Deceased.

Tuska, Samuel Adolph, A.M., merchant, 164 Front street.
 Van Winkle, Jacob Outwater, A.B., M.D., P. & S., '87, physician, Hackensack, N. J.
 Vosburgh, Myna Allison, A.B., 205 West 123d street.
 Zeh, Adolph, A.B., M.D., P. & S., '87, physician, 343 West 50th st.

1885.

Aaron, Isaac, B. S., care of H. Aaron, 38 Park row.
 Abrams, Alexander, A.B., M.D., P. & S., physician, 134 East 87th st.
 Adair, Walter Jollie, A.B., clerk, 159 Joralemon street, Brooklyn.
 Bach, Louis Philip, B.S., pianos, 237 East 23d street.
 Barnett, Maurice, B.S., metallurgist, Ansonia, Conn.
 Decker, William Frederick, B.S., clerk, 154 West 45th street.
 Devoe, Franklin Minturn, Jr., B.S., merchant, 176 Franklin street, Brooklyn, E. D.
 Fitch, George Walter, B.S., teacher, 124 West 42d street.
 Fromme, Abraham L., A.B., lawyer, 331 Sixth street.
 Hastie, James L., Jr., A.B., student of theology, 336 East 30th street.
 Hicks, Louis, A.M., student, 209 West 14th street.
 Hildreth, Percy Stearns, B.S., civil engineer, 25 Madison avenue.
 Hoffman, Benjamin Byron, A.B., student.
 Hofmann, Ferdinand Florenz, M.S., LL.B., N. Y. U., '92, lawyer, 351 East 77th street.
 Kaminski, Edward Vladimir, A.B., student, 779 Lexington avenue.
 McAuliffe, George B., A.B., student of medicine, 759 Second avenue.

McCreery, Forbes Robert, B.S., M.D., P. & S., physician, 129 East 40th st.
 Mack, Alfred W., A.B., importer, 8 West 4th street.
 Mack, Henry, A.B., LL.B., C.C., lawyer, 27 Pine street.
 Martin, Thomas William, B.S., M.D., N. Y. U., '88, Kingsbridge.
 Metcalf, Fred. Lemont, B.S., architect, 132 Nassau street.
 Miller, Rudolph Philip, B.S., C.E., C.C., '88, civil engineer, 139 East 40th street.
 Moritz, Isaac Frank, B.S., traveler, 700 B'way.
 Nathan, Harold, M.S., LL.B., C.C., '89, lawyer, 44 Broad street.
 Neumann, Hugo, B.S., foot of 75th street, E.R.
 Oudin, Maurice Agnus, A.B., M.S., E.E., College of N. J., electrical engineer, Schenectady, N. Y.
 Randolph, Eugene Henry Lewis, A.B., accountant of C. R. N. J., Plainfield, N. J.
 Schneider, August Adolph Frederick, B.S., 31 Attorney street.
 Schulman, Samuel, A.B., clergyman, 218 West 16th street.
 Sondheim, Leopold, M.S., LL.B., C.C., lawyer, 44 Broad street.
 Stachelberg, Charles Grant, B.S., tobacco, 1054 Fifth avenue.
 Stephenson, John Charles, A.B., S.T.B., G.T.S., clergyman, Bay Shore, L. I.
 *Webster, Andrew Lincoln, A.B.
 Wendel, Fred. Charles H., A.M., Ph.D., Univ. Strassburg, '88; Author of History of Egypt; Member Am. Oriental Soc., teacher, 328 East 55th street.

1886.

Bradley, Edward John, B.S., LL.B., C.C., lawyer, 54 Lewis street.

*Deceased.

Bullows, Alfred Lyon, A.B., merchant, 450 Greenwich street.

Byrnes, James Charles, B.S., teacher, 66 East 88th street.

Camp, Frederick Augustus, A.B., LL.B., lawyer, 254 Broadway.

Carl, John, B.S., architect, 48 Exchange place.

Dean, Bashford, A.M., Ph.D., C.C., '89, C.C., '90, tutor, C.C., N.Y., '86-91, Assistant N.Y.S. Fisheries Com., '86, Hon. Assistant Geology, C.C., '89, Director Summer School Biology, Coldspring Harbor, L. I., '90, Assistant U.S. Fisheries Com., '90, Instructor Biology, C.C., tutor, C.C., '91,, 326 Riverdale avenue, Yonkers, N. Y.

Downer, Charles Alfred, A.B., tutor, 133 Manhattan avenue.

Eaton, Henry Ware, A.B., lawyer, Tribune Building.

Elliott, Gilbert Molleson, A.M., M.D., C.C., physician, Brunswick, Me.

Floyd, William Toel, A.B., stock broker, 65 West 130th street.

Greenhall, Charles L., B.S., LL.B., C.C., lawyer, 277 Broadway.

Gutman, Abraham L., B.S., LL.B., C.C., lawyer, 129 E. 61st street.

Hill, Aaron C., A.B., 327 East 3d st.

Knipe, Isaac McGay, A.B., clergyman, 193 Ninth avenue.

Kottman, William Adolph, B.S., LL.B., C.C., lawyer, 426 East 84th street.

La Fetra, Edward B., A.B., LL.B., C.C., lawyer, 38 Park row.

*Mason, Carl Schultz, B.S.

Menken, Mortimer Morange, A.M., LL.B., C.C., '88, lawyer, 140 Nassau street.

Morris, Edward Myre, B.S., student at law, 839 Eighth avenue.

Morris, Louis, A.B., M.D., P. & S., physician, 77 Orchard street.

Nordby, Conrad Hjalmar, B.S., tutor, 30 West 132d street.

Oberndorfer, Nathaniel H., B.S., Park City, Utah.

O'Donnell, James Aloys, B.S., teacher, 428 West 40th street.

Perkins, Edward White, A.B., M.D., P. & S., physician, 224 W. 131st st.

Petrasch, Carl Schurz, B.S., LL.B., lawyer, 45 William street.

Poor, Charles Lane, M.S., Ph.D., associate in astronomy, Johns Hopkins University, Baltimore, Md.

Rush, Thomas Edward, A.B., lawyer, 2 Tryon row.

*Schavel, William, B.S., teacher.

Schultze, Otto Henry, A.B., M.D., P. & S., physician, 24 East 63d st.

Shiels, Albert, A.B., teacher, Madison avenue and 85th street.

Stroock, Moses Jesse, B.S., LL.B., C.C., lawyer, 320 Broadway.

Thain, Mortimer Porter, B.S., student architecture, California.

Veit, Benjamin, B.S., LL.B., N.Y.U., lawyer, 173 East 95th street.

Wendt, Fred William, B.S., clerk, 25 Greene street.

Wood, John Wilson, B.S., secretary, 61 East 25th street.

Yates, Samuel Wylie McLeod, A.B.

Zerega, Louis Augustus, A.B., M.D., physician, 472 West 34th street.

1887.

Baron, Adolph, A.B., M.D., P. & S., physician, 320 East 78th street.

Baumeister, Theodore, M.S., LL.B., C.C., lawyer, 306 East 23d street.

Berghane, Frederick Albert, B.S., teacher, 124 West 30th street.

Blumenstiel, Emanuel, A.B., student at law, 108 East 79th street.

Bradley, Thomas J., A.B., teacher, 101½ Lewis street.

*Deceased.

Dunlop, Samuel Robert, B.S., 326 West 48th street.
 Eising, Harry, B.S., merchant, 6 East 66th street.
 Elder, Joseph A., A.B., 337 East 68th street.
 Griffith, Harry B., B.S., Bakerville, Custer Co., S. D.
 Guth, William C., A.B., M.D., P. & S., physician, 253 East 71st street.
 Haase, Lewis M. F., A.B., theatrical manager, 794 Lexington avenue.
 Howe, John Wesley, B.S., 311 West 17th street.
 Hubbell, George William, A.B., asst. actuary, 261 Broadway.
 *Iseli, Henry Emile, B.S.
 Jarmulowsky, Meyer, A.B., Ph.B., C.C., architect, 102 East 60th st.
 Johns, William H., B.S., advertising agent, 38 Park row.
 Josephthal, Louis Maurice, B.S., merchant, 128 East 72d street.
 Kurzman, Seymour P., A.M., LL.B., C.C., '89, lawyer, 15 Wall street.
 Lyon, Theodore Edward, Jr., B.S., teacher, 148 West 122d street.
 McElveen, William T., A.B., 1078 Third avenue.
 McEwen, G. Floy, A.B., 36 West 34th street.
 McGuire, John F. E., A.B.
 Meirowitz, Philip, B.S., M.D., P. & S., physician, 336 East 4th street.
 Oppenheim, Samson David, B.S., 2136 North 19th st., Philadelphia.
 O'Shea, William J., B.S., teacher, 87 Pike street.
 Requa, Robert Russell, A.B., teacher, 65 West 52d street.
 Roche, Thomas Henry, B.S., dentist, 248 East 72d street.
 Rosenthal, Abraham, A.B., student medicine, 422 East 85th street.
 Rosenwald, Benno, B.S., merchant, 145 Water street.

Schneider, Henry George, B.S., teacher, 610 West 47th street.
 Schreier, Eli S., B.S., student at law, 168½ Attorney street.
 Serrano, Vicente, A. B., 711 Lexington avenue.
 Smith, Augustus, A.B., C.E., C.C., engineer, 460 West 44th street.
 Smith, Robert Frederick, B.S., tutor, 287 West 4th street.
 Sondheim, Eugene, A.M., H.U., lawyer, 44 Broad street.
 Stake, George William, A.M., LL.B., C.C., lawyer, 59 Liberty street.
 Winslow, Francis Asbury, B.S., 326 West 55th street.
 Wray, Stephen, A.B., student at law, 1883 Vyse street, West Farms.
 *Wright, Theodore A., B.S.

1888.

Bamman, Harry Lewis, B.S., 159 Avenue B.
 Barnett, Jacob, A.B., LL.B., N.Y.U., lawyer, 280 Broadway.
 Bell, John H., A.M., B.D., clergyman, 137 Park avenue, Mount Vernon, N. Y.
 Bieser, Augustus Edward, A.B., M.D., P. & S., physician, 256 West 54th street.
 Brouner, Walter Brooks, A.B., M.D., P. & S., physician, 256 West 12th st.
 Campbell, John, A.B., 2233 First ave.
 Carnes, Mason, A.B., 24 East 17th st.
 Davies, Charles Franklin, B.S., A.M., C.C., LL.B., N.Y.L.S., lawyer, 32 Park place.
 Devlin, Bernard Joseph, A.M., S. F. X. Coll., teacher, 1459 E. Boulevard.
 Drummond, Lewis Evans, A.B., detective agency, 1 Ann street.
 Dunscomb, Samuel Whitney, Jr., A.M., Ph.D., LL.B., C.C., lawyer, 28 West 128th street.

*Deceased.

- Eckerson, Frank L., A.B., C.C., '91, lawyer, 117 West 123d street.
- Elder, John, A.B., 337 East 68th st.
- Erdman, Albert, B.S., LL.B., C.C., '91, lawyer, 117 East 65th street.
- Ericson, Charles, B.S., master mechanic, 286 Columbus avenue.
- Glaze, George W., B.S., Ph.B., C.C., '89, M.A., C.C., '91, lawyer, 117 East 60th street.
- Hadden, Henry Cornell, A.B., manufacturer, 43 West 127th street.
- Haney, James Parton, B.S., M.D., P. & S., physician, 1233 Third ave.
- Hatting, Peter August, A.B., lawyer, 7 Beekman street.
- Hershfield, Isidor, A.B., LL.B., N. Y. U., attorney, 176 Broadway.
- Hottenroth, Adolph C., B.S., LL.B., N. Y. U., lawyer, 271 Broadway.
- Huber, Hugo F., B.S., 23 E. 130th st.
- Jasper, William Henry, B.S., 554 Hudson street.
- Jones, Frank Lawrence, A.B., 319 East 57th street.
- Knox, T. Harry, B.S., teacher, 2166 Seventh avenue.
- Koehler, Edwin H., B.S., 40 East 64th street.
- Kohn, Albert, A.B., M.D., P. & S., '91, physician, 217 East 62d street.
- Koplik, Charles, B.S., LL.B., N. Y. U., '90, lawyer, 38 Park row.
- Leisersohn, George Washington, A.B., LL.B., N. Y. U., lawyer, 2028 Lexington avenue.
- Levy, Arthur Bernard, B.S., M.M.E., Cornell, '90, 235 East 50th street.
- Levy, Lehman, B.S., student, 340 East 50th street.
- Lowinson, Oscar, B.S., southwest corner 114th street and Pleasant ave.
- Mandel, Edward, A.B., 211 Division street.
- Marks, Louis Benedict, B.S., M.E., M.M.E., Corn. Univ., electrical engineer, 51 East 67th street.
- Merz, Eugene, B.S., student of engineering, 143 Littleton avenue, Newark, N. J.
- Mitchell, James Bryor, A.B., lawyer, 1535 Washington avenue.
- Mitchell, Richard Henry, A.B., LL.B., lawyer, 1535 Washington avenue.
- O'Connell, Jerome A., B.S., teacher, 1884 Lexington avenue.
- Palmer, Earl Fenton, B.S., 200 West 123d street.
- Parmly, Charles Howard, B.S., E.E., C.C., tutor, 314 West 29th street.
- Perham, Frederick Elliot, B.S., LL.B., N. Y. U., tutor, Park Hill, Yonkers, N. Y.
- Potter, George Sabine, Jr., A.B., C. C. N. Y. & H. U., teacher of chemistry, Boston, Mass.
- Potter, Nathaniel Bowditch, A.B., 39 West 20th street.
- Quesada, Gonzalo de, B.S., 309 West 28th street.
- Rauch, Morris S., B.S., 122 East 117th street.
- Rosenberg, Max, B.S., M.D., P. & S., physician, 249 East 71st street.
- Rubens, Horatio Schoen, B.S., 121 Second avenue.
- Ryan, James A., B.S., lawyer, 131 East 91st street.
- Ryan, William Thomas, A.B., 210 West 17th street.
- Salter, George Ferry, M.S., actuary, 38 Irving place.
- Schwick, Charles, B.S., 420 E. 9th st.
- Stein, Sidney A., A.B., M.D., P. & S., physician, 158 East 72d street.
- Stern, Charles S., A.B., M.D., B.H. M.C., '91, physician, 368 Main street, Hartford, Conn.
- Stevens, Plowdon, Jr., B.S., 150 West 99th street.
- Tuska, Gustav R., M.S., C.E., C.C., civil engineer, 1125 Madison avenue.
- Wieland, William Charles, B.S., 212 West 30th street.

1889.

Alsdorf, Edward G., A.B., 237 West 51st street.
 Alsheimer, Joseph J., B.S., 220 East 20th street.
 Bachmann, Isaac, A.B., merchant, 274 West 127th street.
 Baruch, Bernard M., A.B., 67 West 70th street.
 Bernstein, Saul, A.B., lawyer, 320 Broadway.
 Blan, Samuel Augustus, B.S., 226 East 48th street.
 Brandt, William J., B.S., manufacturer, 176 East 88th street.
 Carpentier, Marius A., B.S., 251 West 123d street.
 Carter, Stephen Tallmadge, B.S., 222 West 23d street.
 Cohn, Samuel, B.S., LL.B., C.C., lawyer, 342 West 47th street.
 Constant, Joseph Anthony, B.S., 24 Park place.
 Curry, John Pinkerton, A.B., salesman, 29 West 61st street.
 Dunlap, James John, A.B., clergyman, Greenport, L.I.
 Dunn, Gano Sillick, B.S., E.E., C.C., engineer, 223 Central Park, West.
 Fischlowitz, Gustav G., A.B., physician, 297 Greenwich street.
 Fuentes, Ventura, A.B., 253 West 84th street.
 Goldstein, Philip, A.B., M.D., N. Y. U., physician, 204 Henry street.
 Goldstein, Samuel, A.B., M.D., N. Y. U., physician, 166 East 93d street.
 Hoch, John, A.B., 162 East 64th st.
 Horne, Charles F., B.S., editor, 557 Broadway.
 Jenks, Elijah, Jr., B.S., teacher, 68th street and Amsterdam avenue.
 Kletchka, John Joseph, A.B., 92 Vesey street.
 Laase, Christian, Jr., B.S., 641 East 9th street.

Lessler, Montague, B.S., 432 East 57th street.
 Ludwig, Henry, Jr., B.S., teacher, 299 Seventh avenue.
 Lydon, Richard P., A.M., C.C., lawyer, 132 Nassau street.
 McBarron, John, A.B., M.D., P. & S., physician, 772 West End avenue.
 McQueeney, Edward Cleveland, A.B., 790 Eleventh avenue.
 Merritt, Fowler, A.B., 305 East 56th street.
 Mohr, Walter Martin, B.S., teacher, 17 Bedford street.
 Morgenstern, Julius, A.B., M.D., P. & S., physician, 430 East Houston st.
 Morse, Livingston Burrill, B.S., 44 West 17th street.
 Pedersen, Frederick Mallng, M.S., E.E., C.C., electrical engineer, 327 West 34th street.
 Prince, Julius, B.S., merchant, 386 Broadway.
 Reardon, Dennis Joseph, B.S., 348 West 48th street.
 Rodgers, William A., A.B., M.D., N. Y. U., physician, 272 E. B'way.
 Rosenblueth, Jacob, A.B., 340 East 65th street.
 Rothschild, Louis Frank, B.S., Ph.B., C.C., merchant, 51 East 60th st.
 Scheuer, Maurice, B.S., 26 East 76th street.
 Schlesinger, Anthony, A.B., 84 Pitt st.
 Schuyler, Livingston, A.B., 311 East 86th street.
 Schwarz, Sampson Henry, B.S., A.B., H.U., lawyer, 105 East 79th street.
 Simon, Saling, medical student, Denver, Col.
 Smith, Arthur, 460 West 44th street.
 Smith, John J., 1704 First avenue.
 Springted, James William, A.B., journalist, 3 Park row.
 Van Pelt, John N., 2365 Third ave.
 *Warner, Theodore Alfred, B.S.

*Deceased.

Waterbury, Ezra K., 104 E. 10th st.
Wingebach, Joseph Franklin, 129
Stanton street.

1890.

Abrahamson, Isador, B.S., physician,
131 East 125th street.
Angell, Frank S., B.S., A.M., C.C.,
LL.B., N.Y.L.S., lawyer, 186 Rem-
sen street, Brooklyn.
Blcil, Frederick, B.S., M.D., P. & S.,
physician, 106 Eldridge street.
Boyrer, William C., B.S., 669 East
138th street.
Breitwieser, Leonard Lawrence, B.S.,
surveyor, 74 Seventh street.
Brickner, Edwin Solis, B.S., A.M.,
C.C., 812 Lexington avenue.
Brodek, Charles Adrian, B.S., A.M.,
C.C., lawyer, 5 Beekman street.
Brower, James C., B.S., 144 W. 16th st.
Burke, Edmund, A.B., tutor, 156
East 48th street.
Duggan, Stephen Pierce, B.S., teacher,
341 East 23d street.
Elsberg, Charles Albert, A.B., physi-
cian, 114 East 58th street.
Fischlowitz, Abram, B.S., teacher,
G. S. 40, 297 Greenwich street.
Fitch, Albert Franklin, B.S., M.D.,
P. & S., physician, 14 Dodworth
street, Brooklyn.
Garritt, Albert Warner, B.S., teacher,
2162 Fifth avenue.
Halligan, Thomas C., B.S., teacher,
125 West 54th street.
Herrman, Charles, B.S., 27 West
115th street.
Herskovitz, Herman, Jr., B.S., LL.B.,
N.Y.U., lawyer, 317 East 49th
street.
Hühner, Leon, A.M., LL.B., C.C.,
lawyer, 358 East 121st street.
Jacobsohn, William, B.S., M.D.,
N.Y.U., physician, 152 East 86th
street.

Kelby, Thomas, B.S., A.M., LL.B.,
C.C., lawyer, 60 St. Mark's place.
Kohler, Max James, M.S., A.M.,
LL.B., C.C., lawyer, 115 East
71st street.

Louis, Otto T., B.S., M.M.E., Cor-
nell, elec. engineer, 340 East 119th
street.

McBarron, Frank J., B.S., LL.B.,
N.Y.L.S., lawyer, 291 Broadway.
Manheim, Louis L., A.B., lawyer,
268 East Broadway.

Meighan, Burton C., B.S., LL.B.,
N.Y.U., lawyer, Mamaroneck, N.Y.
Morris, Aaron, A.B., 55 Baxter street.
Myers, John Hays, Jr., A.B., C.E.,
Troy Poly. Inst., civil engineer,
Clover street, West Farms.

Nelson, Dean, B.S., 1139 Madison
avenue, corner 85th street.

Neuhoff, Selian, B.S., 56 Ludlow
street.

Prellwitz, Otto Emil, A.B., physi-
cian, 304 East 23d street.

Pyne, William Joseph, B.S., lawyer,
336 Water street.

Rauner, Charles, B.S., 323 East 42d
street.

Remy, Alfred M., A.B., music, 415
St. Nicholas avenue.

Remy, Arthur F. J., A.B., student
of art, 415 St. Nicholas avenue.

Risk, Francis, A.B., 408 West 18th
street.

Roeser, John Edward, B.S., A.M.,
LL.B., C.C., lawyer, 240 West
130th street.

Rogers, Clarence DeW., B.S., 64 East
61st street.

Roseneau, Bernard S., A.B., M.D., P.
& S., physician, 238 East 105th st.

Rosenthal, Charles Edward, B.S.,
teacher, 75 East 108th street.

Saurel, Paul L., B.S., teacher, Ithaca,
N. Y.

Schlesinger, Frank, B.S., 436 East
80th street.

Schlesinger, Henry William, A.B., M.D., P. & S., physician, 120 Lewis street.
 Stock, Casper, B.S., M.D., P. & S., physician, 2249 Seventh avenue.
 Stuart, William, B.S., lawyer, 200 East 10th street.
 Taylor, David C., A.B., 312 West 106th street.
 Veiller, Lawrence, A.B., 50 West 48th street.
 Walker, George L., B.S., draftsman, 890 Grand Boulevard.
 Weber, William E., A.B., M.D., P. & S., physician, 680 Grove street, Elizabeth, N. J.
 Wiener, Joseph, A.B., M.D., P. & S., physician, 1003 Madison avenue.
 Wood, William T., B.S., 39 Gramercy Park.
 Yankauer, Sidney, A.B., physician, 333 East 58th street.
 Zarnitz, George Henry, A.B., teacher, 294 Henry street.

1891.

Altkrug, Louis J., A.B., LL.B., N.Y.L.S., lawyer, 7 Beekman st.
 Berg, Albert, A.B., M.D., P. & S., physician, 245 7th street.
 Binion, Joshua, B.S., 158 East Broadway.
 Carl, William, A.B., A.M., LL.B., C.C., student of law, 247 West 133d street.
 Clearman, Wallis J., B.S., 149 East 89th street.
 Cohn, Isadore, B.S., 91 East Broadway.
 Dann, Nicholas R., A.B., 59 Rivington street.
 Elder, Robert, A.B., 162 Second ave.
 Elsberg, Nathaniel A., A.B., LL.B., N.Y.U., lawyer, 132 Nassau street.
 Emley, Joseph Noble, A.B., lawyer, 98 John street.
 Foster, Frederick J., B.S., teacher 421 West 50th street.
 Freund, Jacob M., B.S., business, 49 East 91st street.
 Friedwald, Samuel, A.B., 188 Madison street.
 Frisbee, Harry D., A.B., 1340 Fulton avenue.
 Gartensteig, Charles, B.S., student, 215 East 71st street.
 *Geyer, Paul W., A.B.
 *Greer, John G., B.S.
 Guiterman, Arthur, A.B., 335 West 58th street.
 Hamburg, David Joseph, B.S., M.D., P. & S., physician, 104 W. 116th st.
 Handy, Arthur W., 131 West 32d st.
 Hartnett, Eugene Howe, B.S., M.D., P. & S., physician, N. Y. Cancer Hospital.
 Henschel, Joseph, A.B., 1239 Washington avenue.
 Hertz, Joseph Herman, A.B., Ph.D., C.C., minister, Syracuse, N. Y.
 Hoffmann, Alfred L., A.B., clerk, 18 First avenue.
 Huiell, John Mortimer, A.B., 286 Madison street.
 *Jacobs, Alfred M., A.B.
 Kelly, Edwards H., A.B., teacher, 322 East 87th street.
 Kelly, William V., B.S., 163 East 69th street.
 Libman, Emmanuel, A.B., 180 East 64th street.
 Lindroth, Charles Hjalmar, A.B., secretary, 389 Broome street.
 Lippincott, Harold E., B.S., LL.B., N.Y.U., tutor, 61 West 19th street.
 Ludvigh, Elek John, B.S., law student, 759 Lexington avenue.
 Man, Arthur, A.B., 56 Wall street.
 Marx, Louis J., A.B., teacher, 538 Fifth street.
 Marx, Wolfe Bennett, A.B., 538 Fifth street.

*Deceased.

Meighan, Howard Sidney, B.S., tutor,
Mamaroneck, N. Y.

Meyer, William Henry, A.B., 241
East 109th street.

Miller, Ira Abbott, B.S., Colorado
Springs, Col.

Necarsulmer, Harry, B.S., A.M.,
LL.B., C.C., lawyer, 109 East 70th
street.

Nelson, Henry Clay, B.S., E.E., Corn.
Univ., electrical engineer, 116 East
81st street.

Oakes, John Calvin, B.S., Ph.B.,
C.C., cadet, West Point, N. Y.

Oakley, Charles Solomon, A.B., 459
West 34th street.

Rainey, William M., B.S., teacher,
428 West 57th street.

Reynolds, Frederick Gregory, B.S.,
tutor, 140 West 132d street.

Rodman, Harry, A.B., medical stu-
dent, 215 East Broadway.

Samuels, Robert Vinton Seger, B.S.,
LL.B., N. Y. L.S., lawyer, East 143d
street, corner St. Ann's avenue.

Scheuer, Louis, B.S., clerk, 951 Sec-
ond avenue.

Smyth, Francis, A.B., LL.B., N. Y.
L.S., lawyer, 36 Wall street.

Steinach, William, A.B., 188 Second
avenue.

Stern, Philip Harry, A.B., lawyer,
Montgomery, Ala.

Stroock, Solomon M., B.S., A.M.,
LL.B., C.C., lawyer, 156 E. 80th st.

Theobald, Carl, B.S., M.D., P. & S.,
physician, 542 East 11th street.

Timmerman, Arthur H., B.S., M.M.E.,
Cornell Univ., professor of physics,
Rolla, Mo.

Timmerman, Charles Edward, B.S.,
M.M.E., Cornell Univ., instructor,
Ithaca, N. Y.

Tobias, Leo, B.S., medical student,
321 East 52d street.

Trafford, Forrest Rose, B.S., 154 East
45th street.

Van Norman, Louis Edwin, A.B.,
editor, 30 Lafayette Place.

Victor, Frederick, B.S., asst. cashier,
166 East 116th street.

Weiler, Charles H., B.S., 106 East
60th street.

Wood, Sidney Lunt, B.S., 6 E. 28th st.

1892.

Alexander, Edward Albert, B.S., 147
East 62d street.

Baruch, Hermann Benjamin, B.S., 67
West 70th street.

Benedikt, Victor M., B.S., 123 East
83d street.

Bernstein, Solomon Charles, B.S., 90
East Broadway.

Bruckner, Arthur, B.S., 314 Sixth st.

Bullowa, Ferdinand Ezra M., A.B.,
46 East 66th street.

Byrne, George T. L., B.S., 121 Crosby
street.

Chapman, R. Fendall, B.S., 167 East
116th street.

Coleman, John B., A.B., 845 Lexing-
ton avenue.

Cook, Alfred A., B.S., 152 E. 71st st.

Craft, Warren Moore, B.S., 217 West
133d street.

Dailey, Alfred Milner, B.S., 246 East
23d street.

Earle, Thornton, B.S., 498 W. 153d st.

Fintel, Ernest A. von, B.S., 153 East
50th street.

Freedman, Lewis Herbert, A.B., 120
West 125th street.

Goldmark, Emil, B.S., 150 E. 63d st.

Greenbaum, Jacob H., A.B., 80 East
108th street.

Haight, S. Carlton, B.S., 1766 Clover
street.

Hauswirth, Louis, B.S., 208 Seventh
street.

Hellerson, Charles E. W., B.S., 317
East 55th street.

Henwood, William Jory, A.B., 1293
Washington avenue.

Hertz, Emanuel, A.B., 143 Norfolk st.
 Jacobus, Theo. I., B.S., 118 First st.
 Jennings, George E., B.S., 321 West 12th street.
 Josephson, Isaac, B.S.
 Knox, Arthur, A.B., 571 Mott ave.
 Levy, Meyer, B.S., 132 Henry street.
 Levy, Morris, A.B., 218 Henry street.
 Liebermann, William, A.B., 417 East 84th street.
 Loewy, George S., A.B., 577 East 146th street.
 McNeill, Ernest, Jr., A.B., 589 East 140th street.
 Martin, Jeremiah N., Jr., A.B., 436 Lenox avenue.
 Miller, James Calvin, Jr., B.S., 227 West 52d street.
 Moss, Isaac, A.B., 263 West 36th st.
 Natkins, Isaac, B.S., 418 W. 40th st.
 Newman, Henry, B.S., 93 Division st.
 Ottinger, Nathan, B.S., 110 E. 61st street.
 Powers, Francis W., A.B., 216 East 109th street.
 Reubenstein, Raymond, A.B., 57 East Broadway.
 Rieser, Max Gustine, A.B., 225 East 93d street.
 Roeser, Edward N., B.S., 240 West 130th street.
 Rosenzweig, Joseph, A.B., 249 East 110th street.
 Schmeidler, Benjamin, B.S., 164 East 66th street.
 Schulz, Geo. M. S., A.B., 117 E. 35th st.
 Scott, Frank, B.S., 144 Waverley place.
 Scouler, Ambrose A., A.B., 159 East 119th street.
 Shera, George William, A.B., 107 East 29th street.
 Sigel, Franz, Jr., B.S., 563 Mott ave.
 Silberstein, Solomon D., A.B., 442 Lenox avenue.
 Sobel, Jacob, A.B., 148 Henry street.
 Speranza, Gino Charles, B.S., 128 East 63d street.

Stanton, Frederick Everett, B.S., 43 West 71st street.
 Stratton, Alexander, B.S., 2013 Fifth avenue.
 Stroh, Frederick A., B.S., 59 West 22d street.
 Taylor, Geo. H., Jr., A.B., 821 East 138th street.
 Thorner, Maurice, A.B., 288 East Houston street.
 Whitehorne, Frederick N., A.B., 64 West 126th street.

1893.

Ansbacher, Samuel L., B.S., 1869 Madison avenue.
 Austin, Berkeley C., A.B., 209 West 118th street.
 Becker, Hubert, B.S., 322 E. 79th st.
 Benoliel, Solomon D., B.S., 116 West 35th street.
 Blumensohn, Henry J., B.S., 250 East Broadway.
 Bretzfelder, Isaac, B.S., 87 Ave. B.
 Brickner, Walter M., B.S., 812 Lexington avenue.
 Cohn, Solomon, A.B., 44 Bowery.
 Dalton, Wm. A., B.S., 613 E. 9th st.
 Daly, William H., A.B., 188 Lexington avenue.
 Eckert, Louis, B.S., 210 E. 70th st.
 Eisman, H. Seymour, A.B., 124 East 74th street.
 Emery, Dean, B.S., 1661 Washington avenue, Tremont.
 Erdman, William, A.B., 14 E. 78th st.
 Fischer, Edwin Philip, B.S., 33 West 92d street.
 Fischer, Joseph, A.B., 242 E. 83d st.
 Flynn, Henry S. J., A.B., 110 West 29th street.
 Friedmann, Hermann George, B.S., 922 East 138th street.
 Goldhammer, Adolph, B.S., 184 East 7th street.
 Graff, Horace M., A.B., 40 W. 83d st.

Green, Charles, A.B., 826 Lexington avenue.
 Haffner, Charles A., A.B., 655 Water street.
 Haller, Edwin A. F., B.S., 124 West 28th street.
 Haney, John D., B.S., 1233 Third avenue.
 Hesselbach, Charles V., A.B., 93 Lexington avenue.
 Hillebrandt, Oscar von, B.S., 191 Forsyth street.
 Holden, Edwin C., B.S., 17 West 132d street.
 Hyman, Solomon, B.S., 171 E. 94th st.
 Jacobus, Emanuel, B.S., 357 East 50th street.
 Katz, Maurice J., A.B., 201 Henry
 Kinkeldey, Carl W., A.B., 62 East 12th street.
 Kohler, Edgar J., A.B., 115 E. 71st st.
 Levin, Henry M., B.S., 317 E. 79th st.
 Levussove, Moses S., B.S., 1930 Third avenue.
 Levy, Louis, A.B., 119 E. 122d st.
 Lewis, Milton S., A.B., 8 E. 75th st.
 McNally, Edward J., B.S., 1589 Second avenue.
 Martin, George K., B.S., Fordham, N. Y.
 Mayer, Henry William, A.B., 843 Lexington avenue.
 Moore, Fred. W., B.S., 320 East 30th street.
 Neus, Engelbert, B.S., 454 E. 116th st.
 Reynolds, James J., B.S., 133 East 115th street.
 Ruhl, Henry Clay, A.B., 520 East 141st street.
 Schmuck, Peter, B.S., 323 W. 39th st.

Schnurer, Berthold, B.S., 60 East 116th street.
 Schnepel, John Henry, B.S., 265 West 22d street.
 Schum, Charles H., B.S., 256 Third avenue.
 Schutz, Samuel M., A.B., 155 West 85th street.
 Seufert, William Marshall, B.S., 516 East 152d street.
 Shilansky, Michael, B.S., 247 East Broadway.
 Shoenfeld, Leonard B., B.S., 14 East 76th street.
 Smith, Frederick L., A.B., Kingsbridge.
 Stanton, Gilman Shattuck, B.S., 31 West 71st street.
 Steinberger, Victor, A.B., 342 East 51st street.
 Stern, Arthur, B.S., 55 W. 50th st.
 Stock, Henry, Jr., B.S., 349 Seventh avenue.
 Tenner, Arthur S., A.B., 1285 Columbus avenue.
 Thompson, Robert William, Jr., A.B., 229 West 97th street.
 Timme, Walter, B.S., 2 Riverview terrace.
 Tucker, Fitz-Henry Fay, B.S., 145 West 123d street.
 Ulfelder, Sidney, A.B., 335 E. 65th st.
 Urban, Adolph, Jr., B.S., 206 West 105th street.
 Weinhandler, Sampson H., A.B., 319 East 17th street.
 White, John, Jr., B.S., 117 E. 82d st.
 Zabriskie, Edward Cornell, B.S., 200 East 20th street.
 Zinke, Louis, A. B., 129 W. 97th st.

CHAIRMEN OF THE BOARD OF TRUSTEES.

1890-92.....	JOHN L. N. HUNT.
1893.....	ADOLPH L. SANGER.
1894-5.....	CHARLES H. KNOX.

EXECUTIVE COMMITTEES

OF THE BOARD OF TRUSTEES.

1892.

CHARLES L. HOLT.

ROBERT MACLAY.	JAS. W. McBARRON.
ADOLPH L. SANGER.	JAS. W. GERARD.
WILLIAM H. GRAY.	CHAS. C. WEHRUM.
CHARLES STRAUSS.	JOHN L. N. HUNT, LL.D.
ALEX. S. WEBB, LL.D.	

1893.

CHARLES L. HOLT.

ROBERT MACLAY.	JAS. W. McBARRON.
JAS. W. GERARD.	GEORGE LIVINGSTON.
R. DUNCAN HARRIS.	JOHN L. N. HUNT, LL.D.
CHAS. STRAUSS.	ADOLPH L. SANGER.
ALEX. S. WEBB.	

1894.

R. DUNCAN HARRIS,

In place of CHARLES L. HOLT, resigned.

GEORGE LIVINGSTON.	JOHN L. N. HUNT.
JAS. W. McBARRON.	EMILE BENEVILLE.
CHARLES STRAUSS.	ROBERT MACLAY.
JAS. A. GOULDEN.	CHARLES H. KNOX.
ALEX. S. WEBB.	

FORMER OFFICERS OF THE COLLEGE.

JEAN ROEMER, LL.D.,

Vice-President, and Professor of the French Language and Literature.
1849-1892.

DAVID B. SCOTT, PH.D.,

Professor of the English Language and Literature.
1870-1894.

TUTORS.

WHEELER H. POWELL, B.S.....	1889-1891.
ROBERT HOUSTON... ..	1885-1893.
LOUIS FENNEBRESQUE, B.S.....	1889-1894.
ARTHUR F. J. REMY, A.B.....	1891-1894.

FELLOWS.

JOHN HAMPDEN DOUGHERTY, A.B., LL.B.....	1871-
CHARLES EDWARD LYDECKER, B.S., LL.B.....	1871-
MARTYN SUMMERBELL, A.M.....	1871-
ARTHUR BEACH, M.D.....	1872-
ADOLPHUS HENRY STOIBER, A.M., LL.B.....	1872-
JOHN BACH McMASTER, A.B.....	1872-
EMANUEL HOCHHEIMER, M.D.....	1872-

REGISTRARS.

WILLIAM OLAND BOURNE, A.M.....	1852-54.
JOSEPH OAKLEY NODYNE, A.M.....	1854-63.
JOHN H. CHAMBERS.....	1863-69.
NATHANIEL W. BLUNT.....	1869-70.
JOHN T. CUMING... ..	1870-73.
ROBERT W. CANA.....	1873-91.

ASSISTANTS IN THE CHEMICAL LABORATORY.

JAMES RANDOLPH BRANT, A.B.....	1855-59.
SIMON FRAZER MACKIE, A.M.....	1859-63.
ASA WILLIAMS WILKINSON, M.D.....	1863-82.

S U M M A R Y.

BOARD OF TRUSTEES.....	22
EXECUTIVE COMMITTEE.....	10
INSTRUCTORS.....	50
<hr style="width: 10%;"/>	
SENIOR CLASS.....	64
JUNIOR CLASS.....	120
SOPHOMORE CLASS.....	175
FRESHMAN CLASS.....	324
SUB-FRESHMAN CLASS.....	548
<hr style="width: 10%;"/>	
TOTAL.....	1,231
<hr style="width: 10%;"/>	
DROPPED FROM ALL CLASSES AND NOT INCLUDED IN THE ABOVE.....	331





UNIVERSITY OF ILLINOIS-URBANA



3 0112 112224875